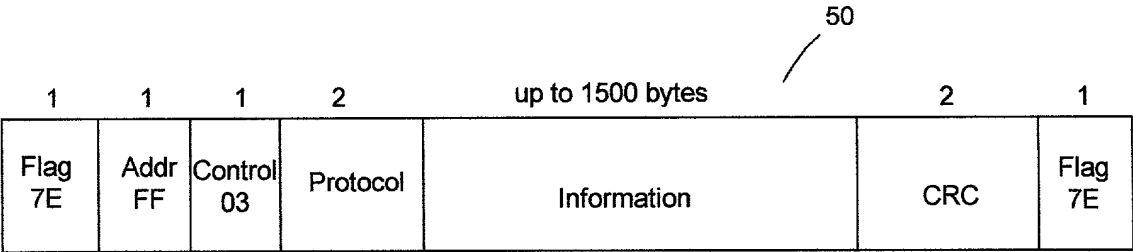
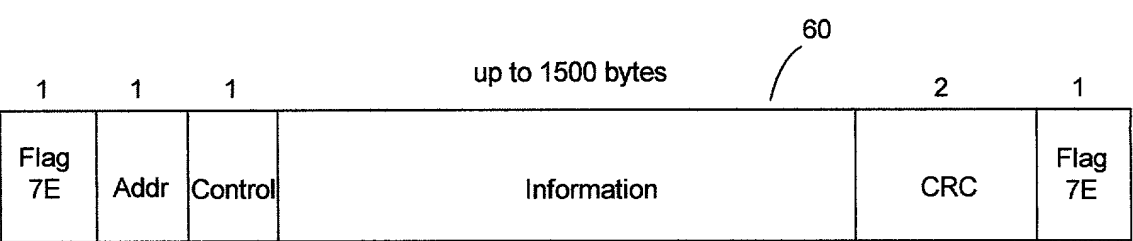


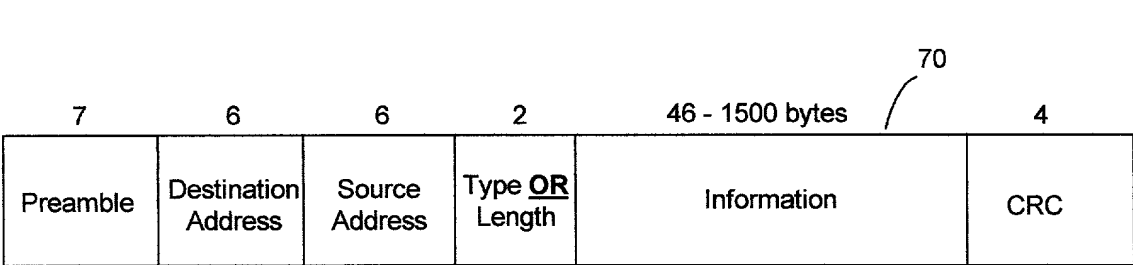
Typical Frame Format



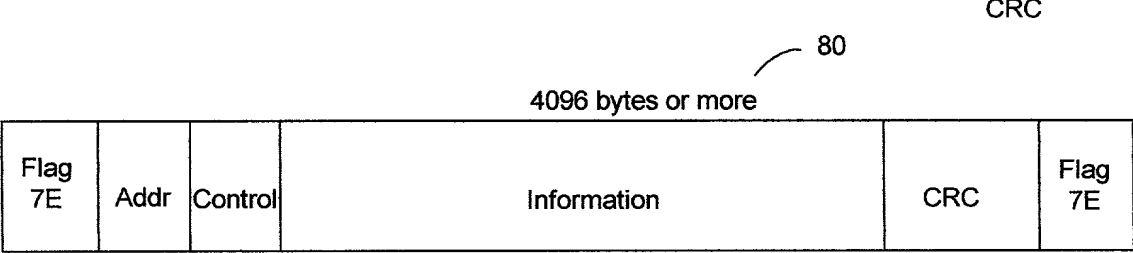
Point-to-point frame format



Frame Relay frame format



Ethernet/802.3 frame format



HDLC frame format

FIG. 1

FIG. 2 is a block diagram of a frame structure. The frame is divided into several fields. The top field is a header field (110) containing a sequence of bits: 0, 1, 1, 1, 1, 1, 1, 0. Below the header is a frame header field (111). Below the frame header is a data block field (112) which is variable in size. Below the data block is a sub-framing byte field (115) which is 7 bits long. The sub-framing byte field is followed by a last sub-frame sequence indicator bit (LS bit) field (116). Below the LS bit is a CRC field (117). The bottom field is a footer field (119) containing a sequence of bits: 0, 1, 1, 1, 1, 1, 1, 0.

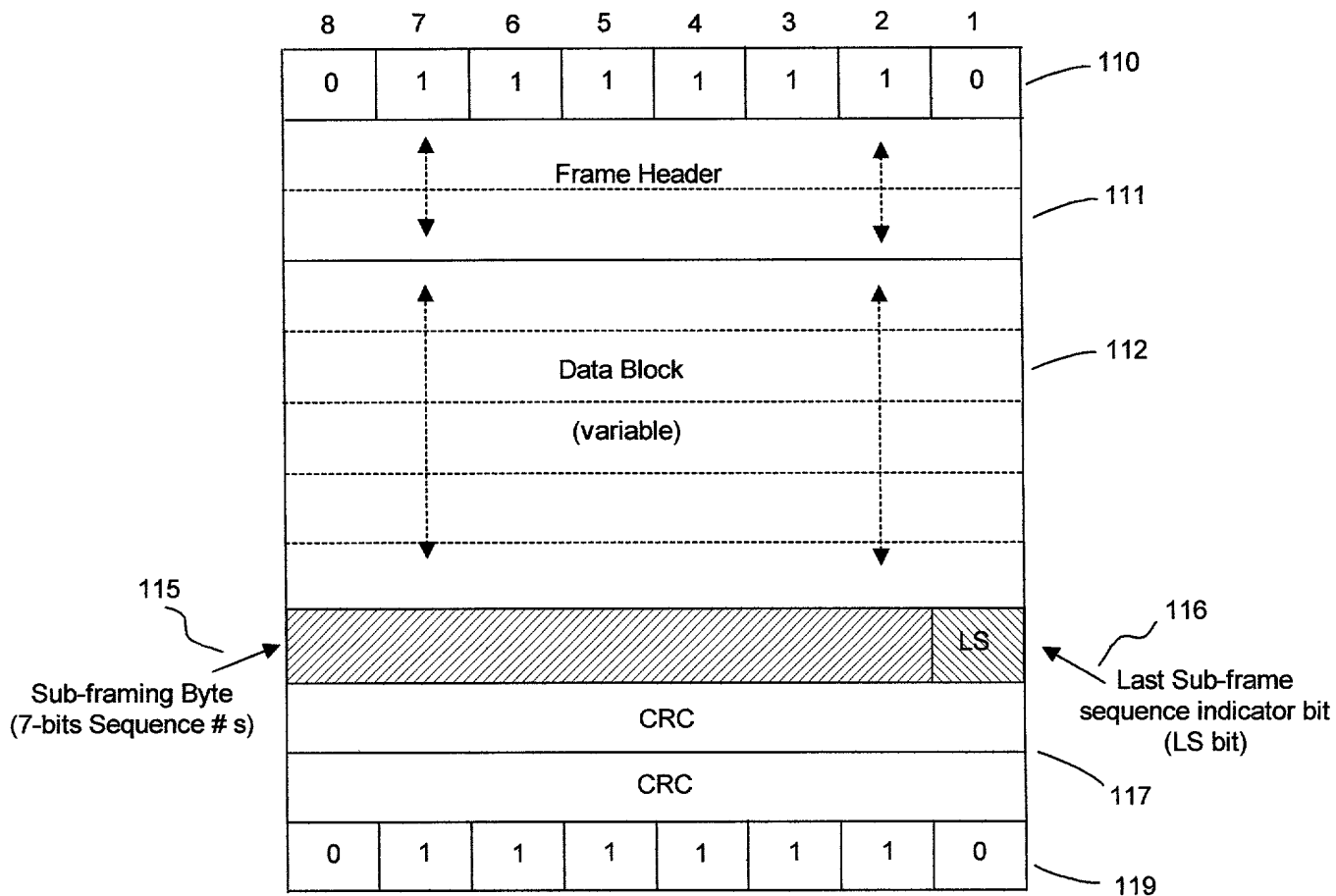


FIG. 2

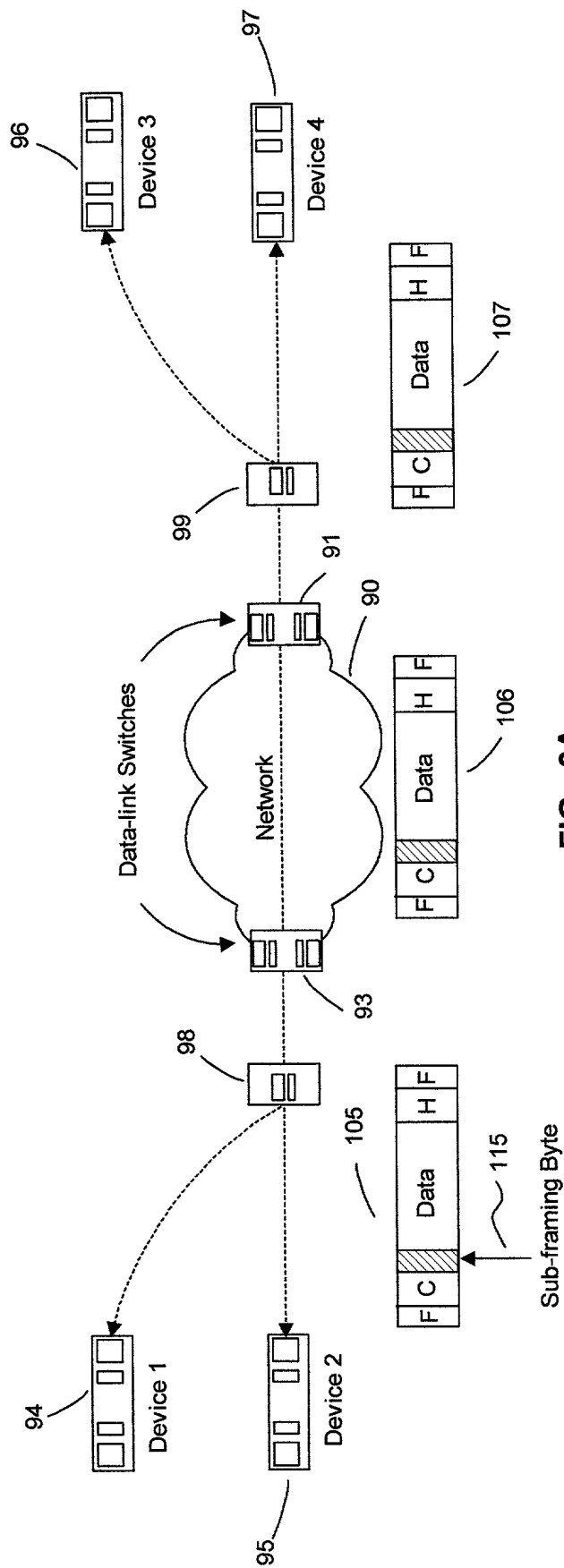


FIG. 3A

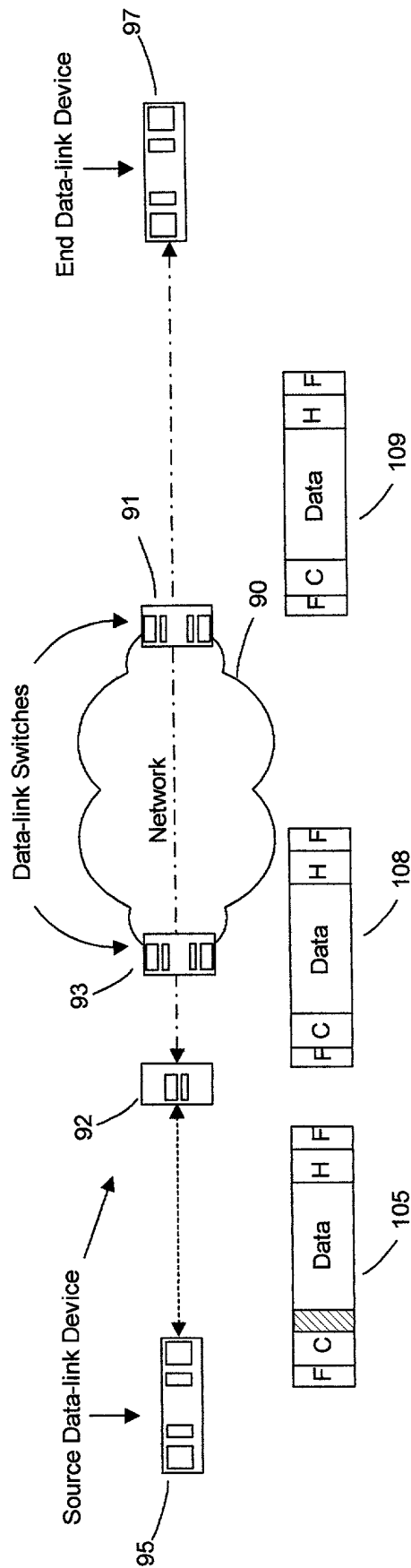


FIG. 3B

Sequence byte range assignment:

Sequence range assigned for priority service N_1

$x_1 \longrightarrow x_i$

Sequence range assigned for priority service N_k

$x_j \longrightarrow x_k$

Sequence range assigned for priority service N_z

$x_y \longrightarrow x_z$

Example:

Voice priority service N_v

1 \longrightarrow 15

SNA traffic priority service N_s

16 \longrightarrow 50

LAN traffic priority service N_L

51 \longrightarrow 127

FIG. 4A

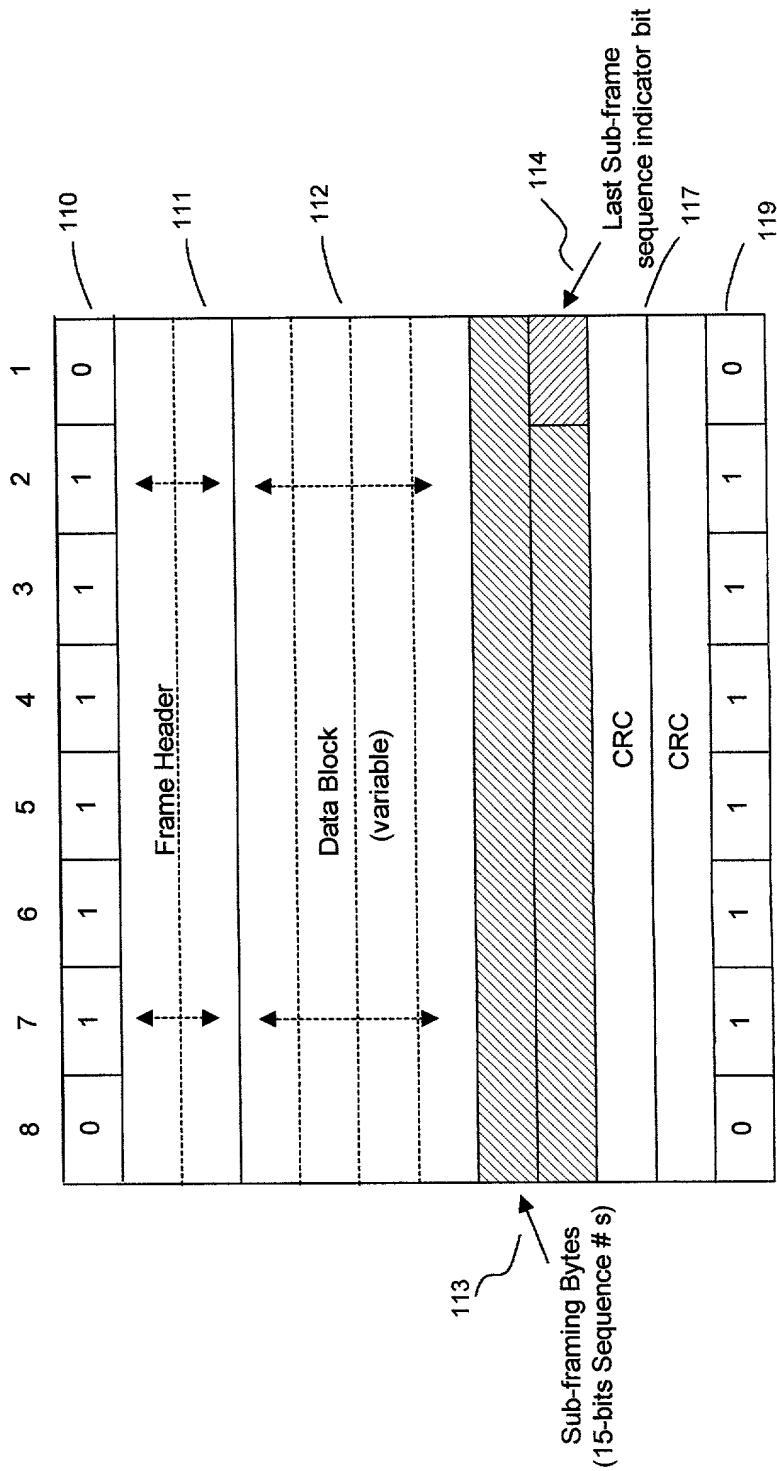


FIG. 4B

FIG. 5 is a block diagram of a sub-frame structure. The sub-frame is composed of several fields: a header field (110) containing a flag field (111 A) and a control field (111 B); a data block field (112) which is variable in size; a sub-framing byte field (115) consisting of 7 bits of sequence numbers; a CRC field (117); and a last sub-frame sequence indicator bit field (116). The sub-frame is terminated by a sequence of 7 bits (119).

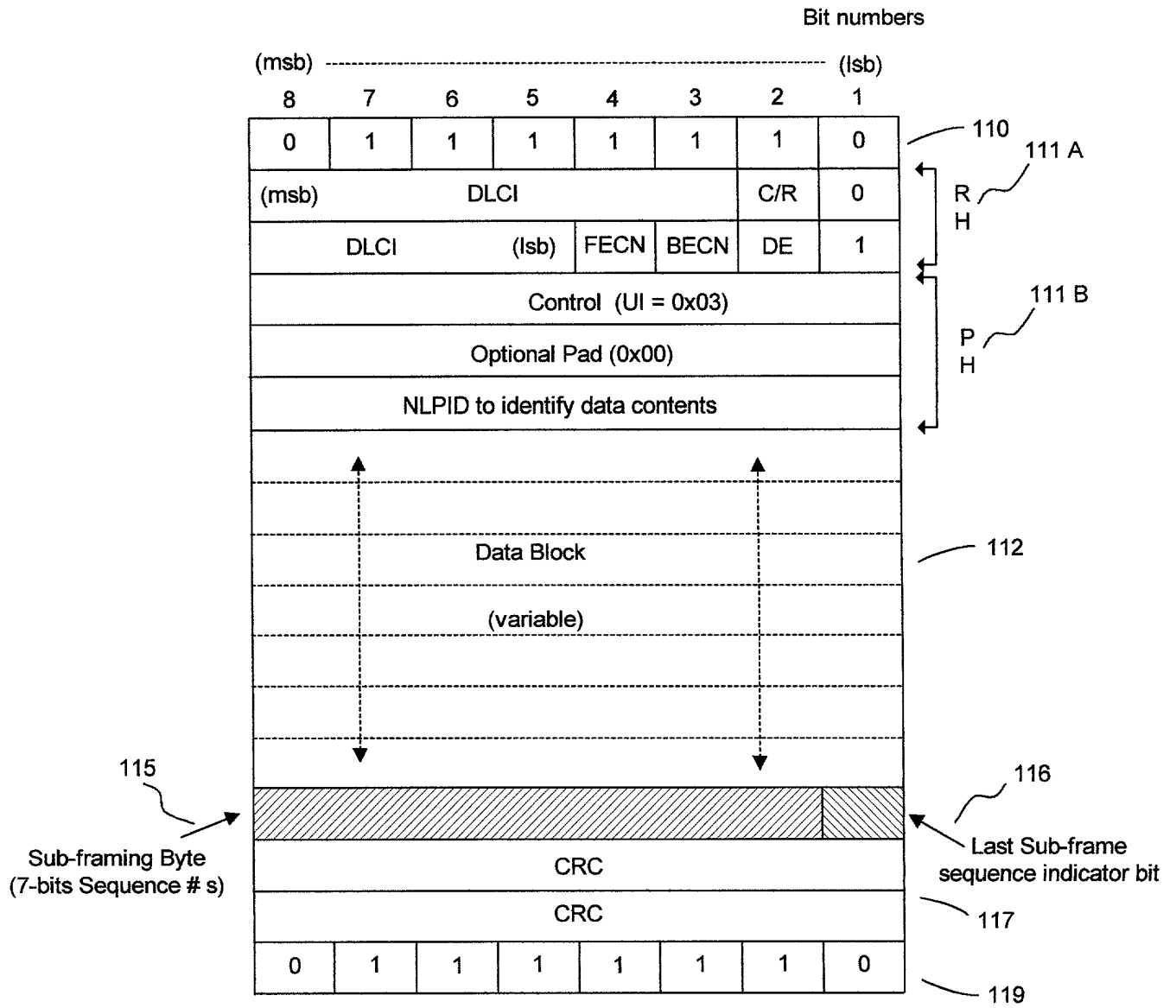


FIG. 5

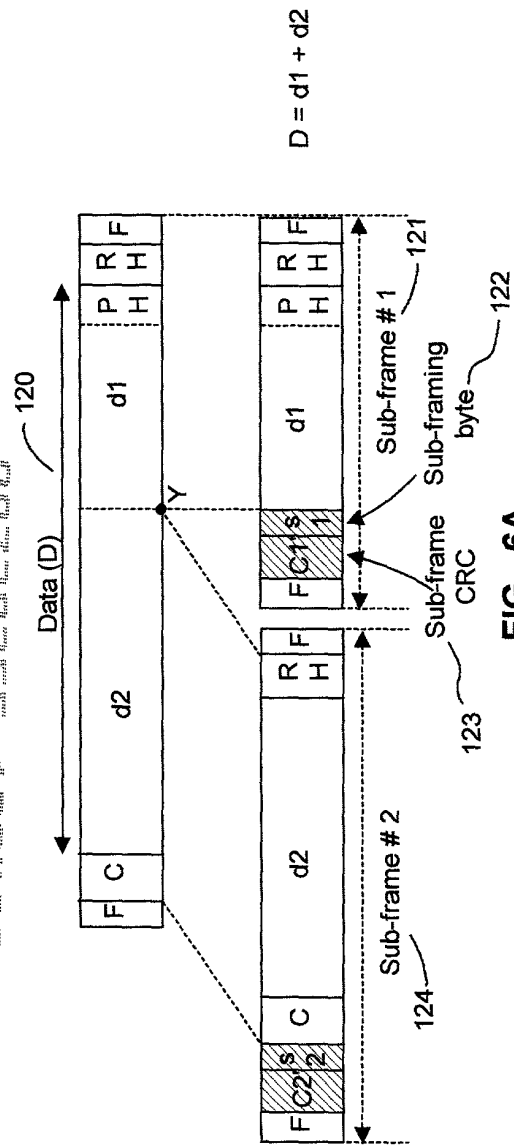


FIG. 6A

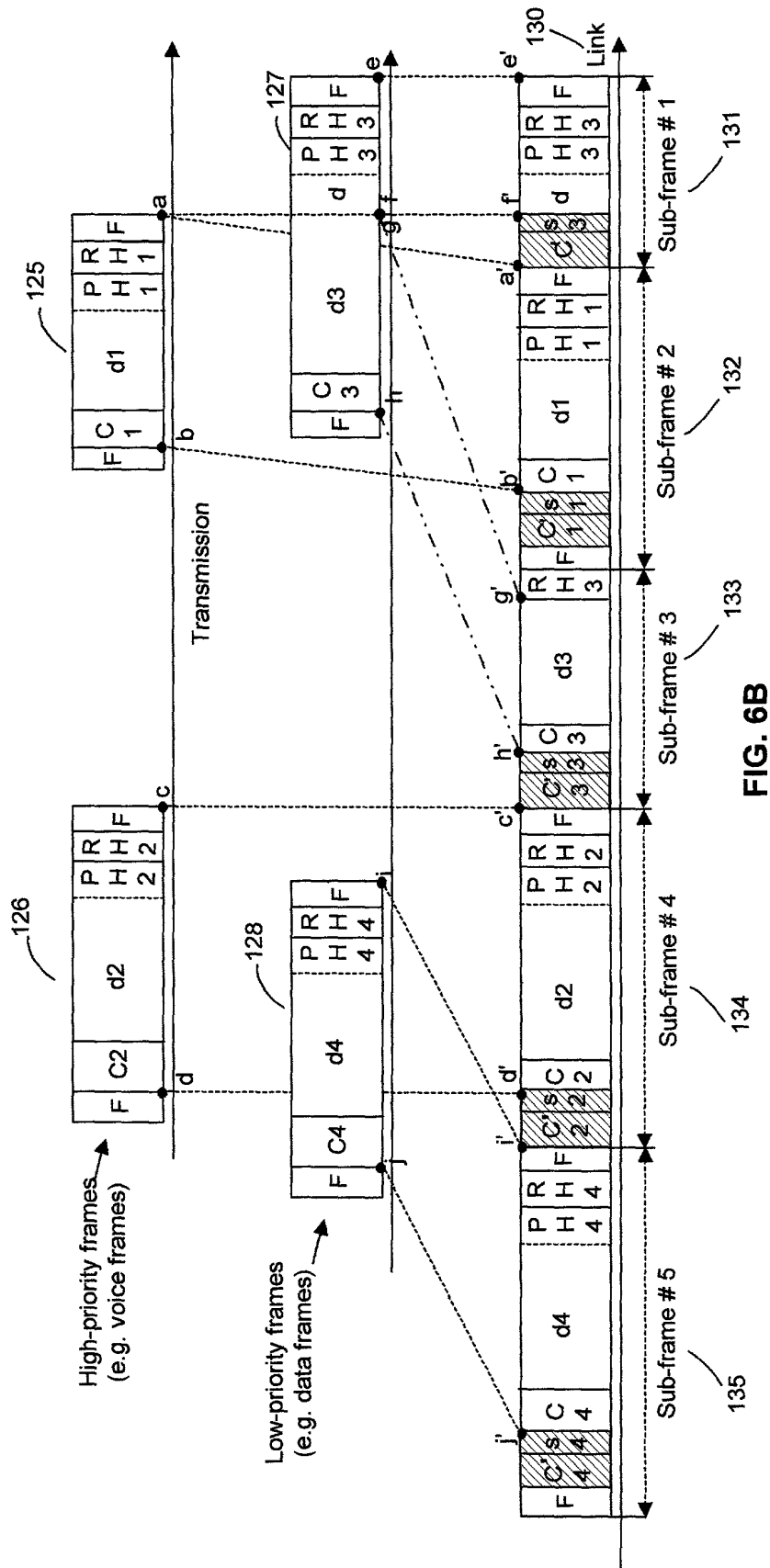


FIG. 6B

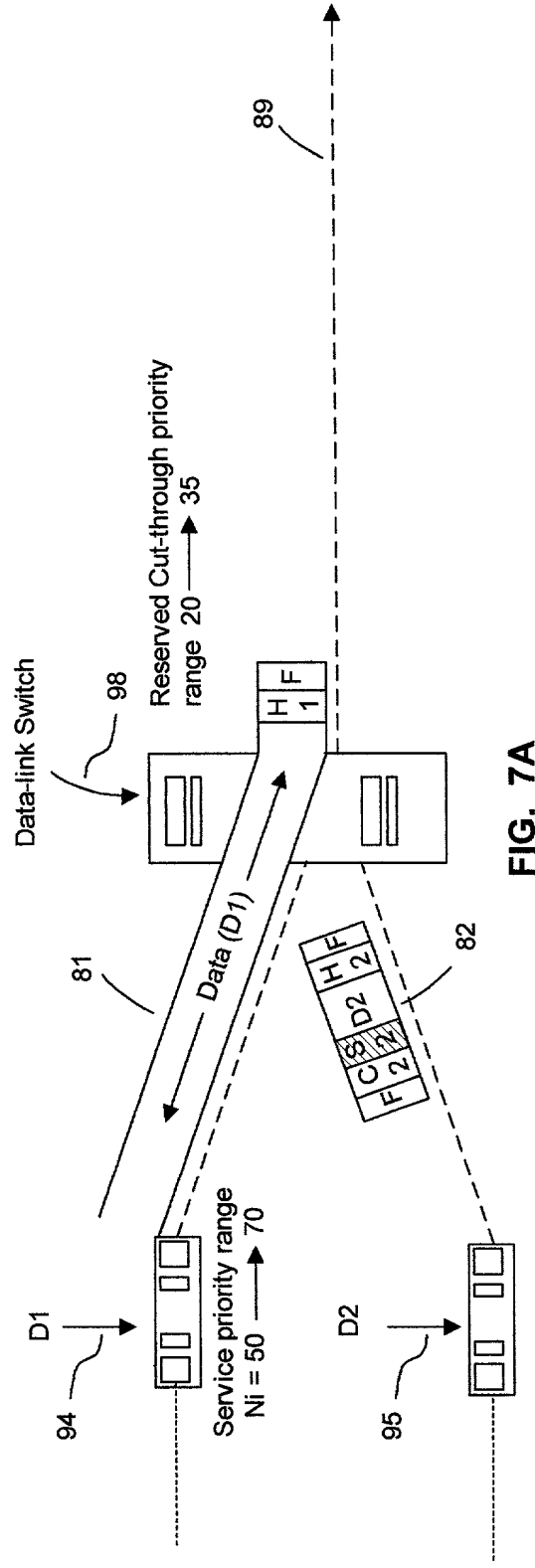


FIG. 7A

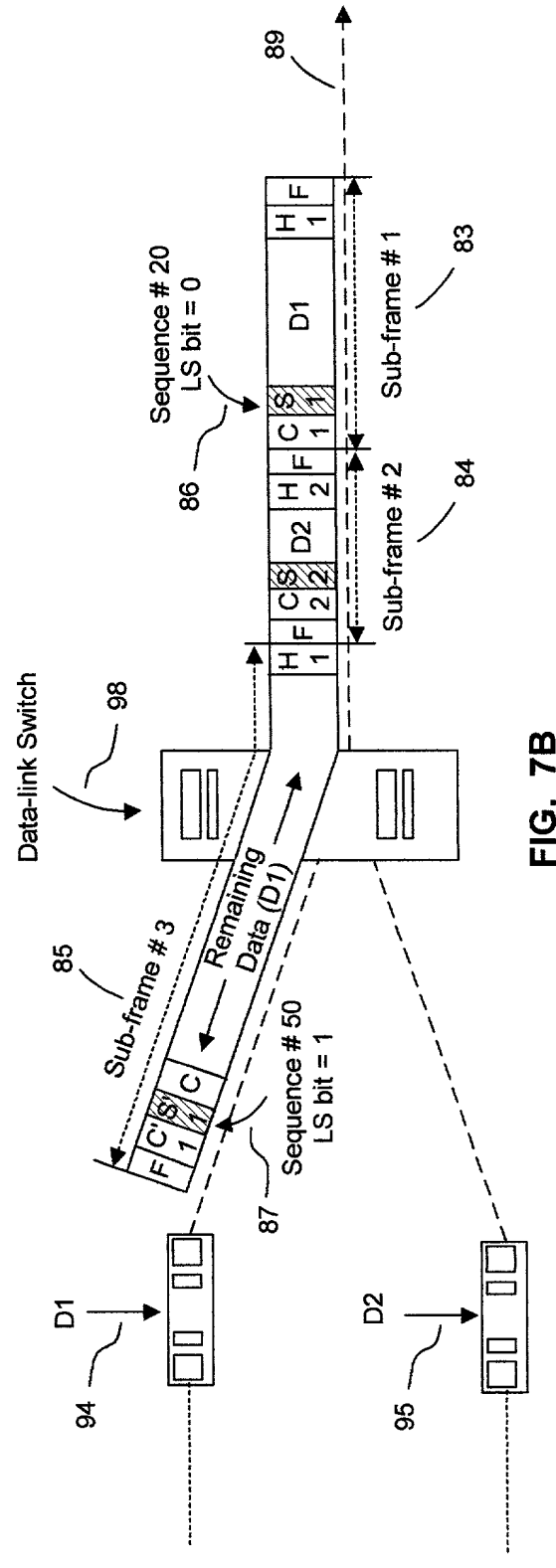


FIG. 7B

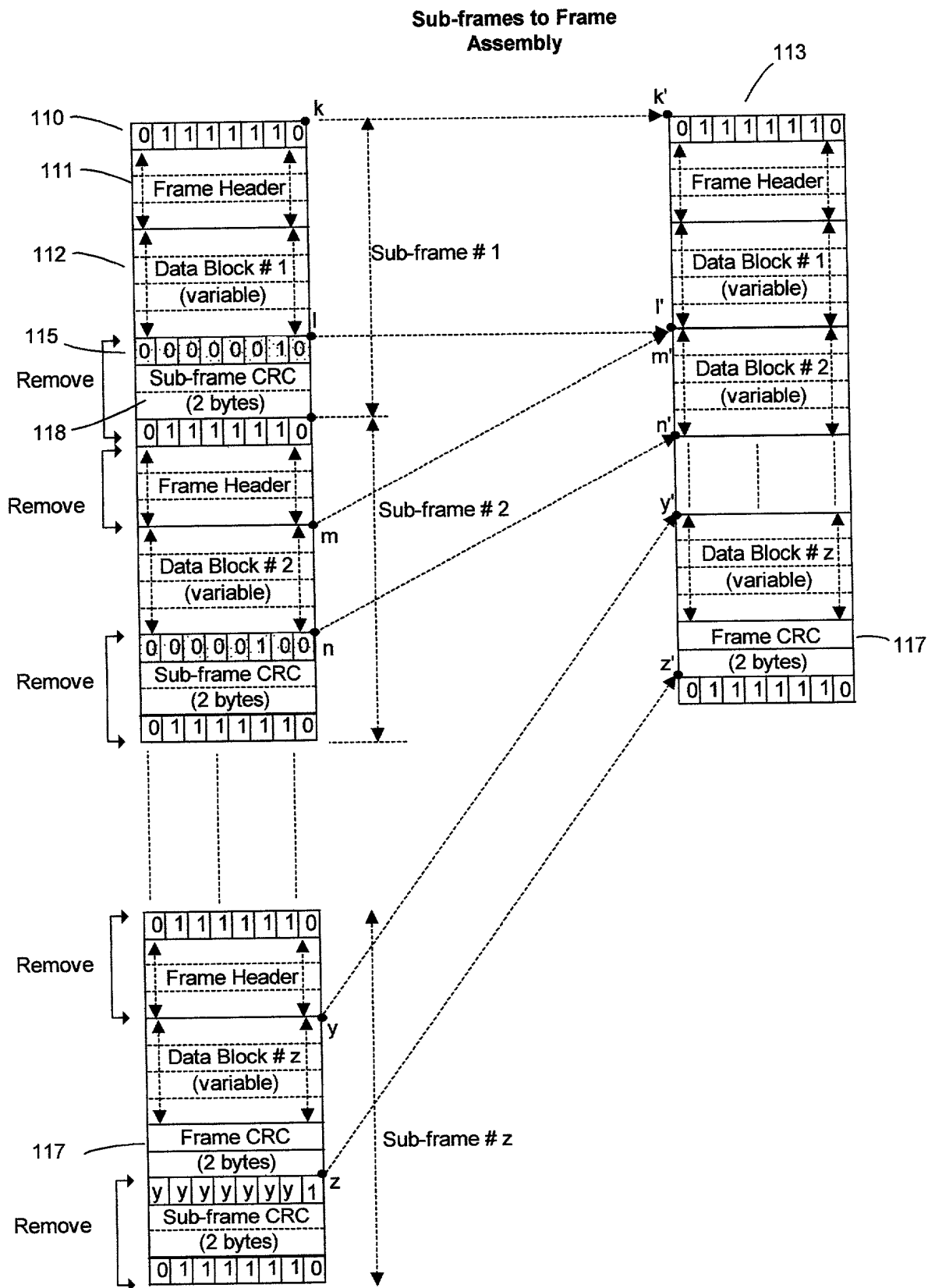


FIG. 8

Example:
FR Sub-frames
assembled back
to FR Frames

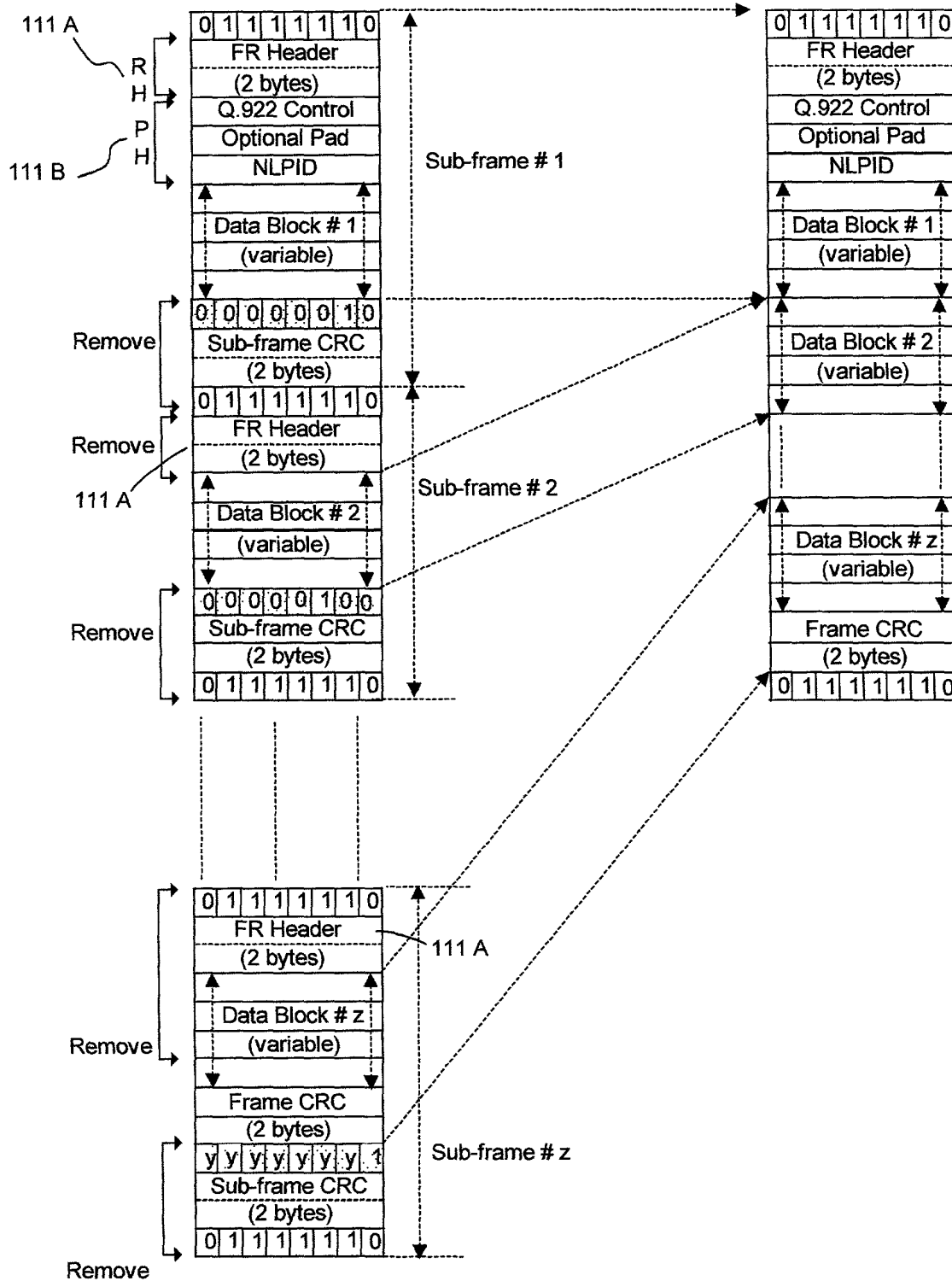
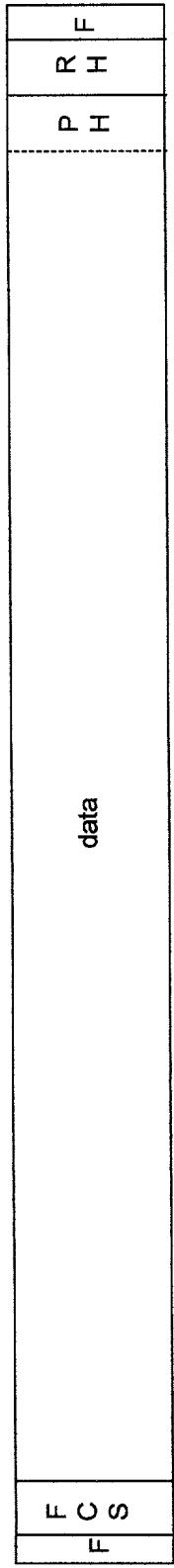


FIG. 9

140



Transmission

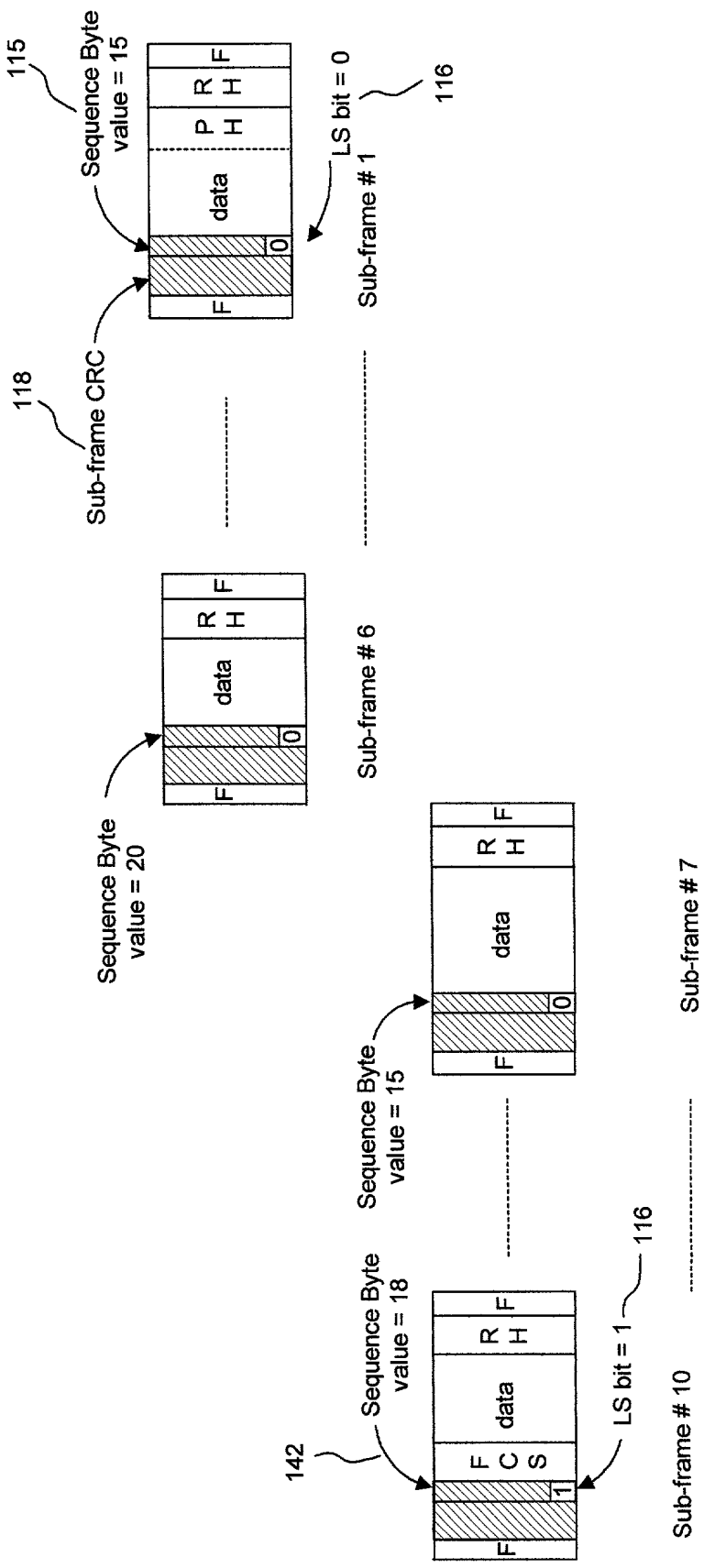


FIG. 10

Multi-priority Services over a single network link

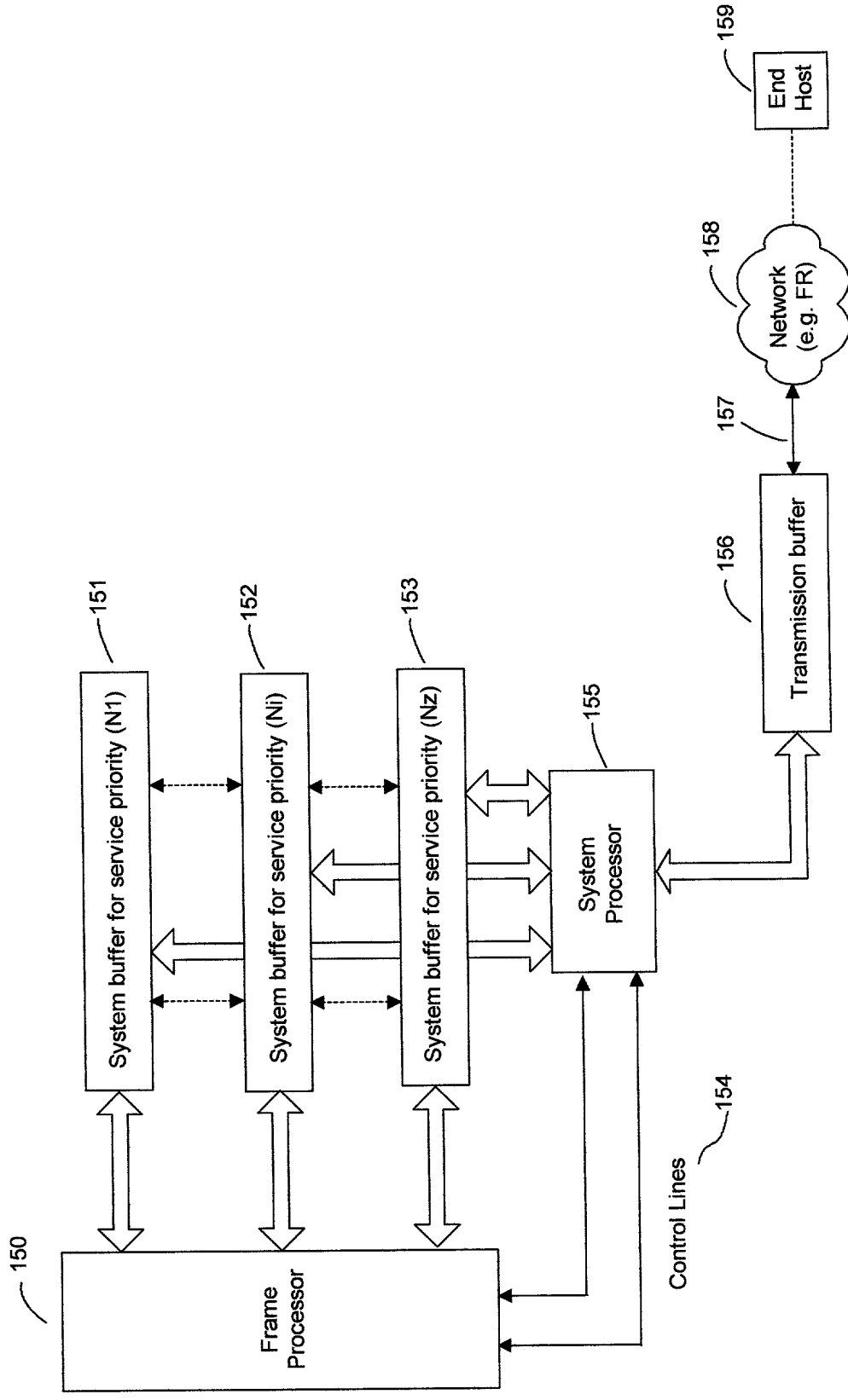


FIG. 11

Multi-priority Services over multiple network links

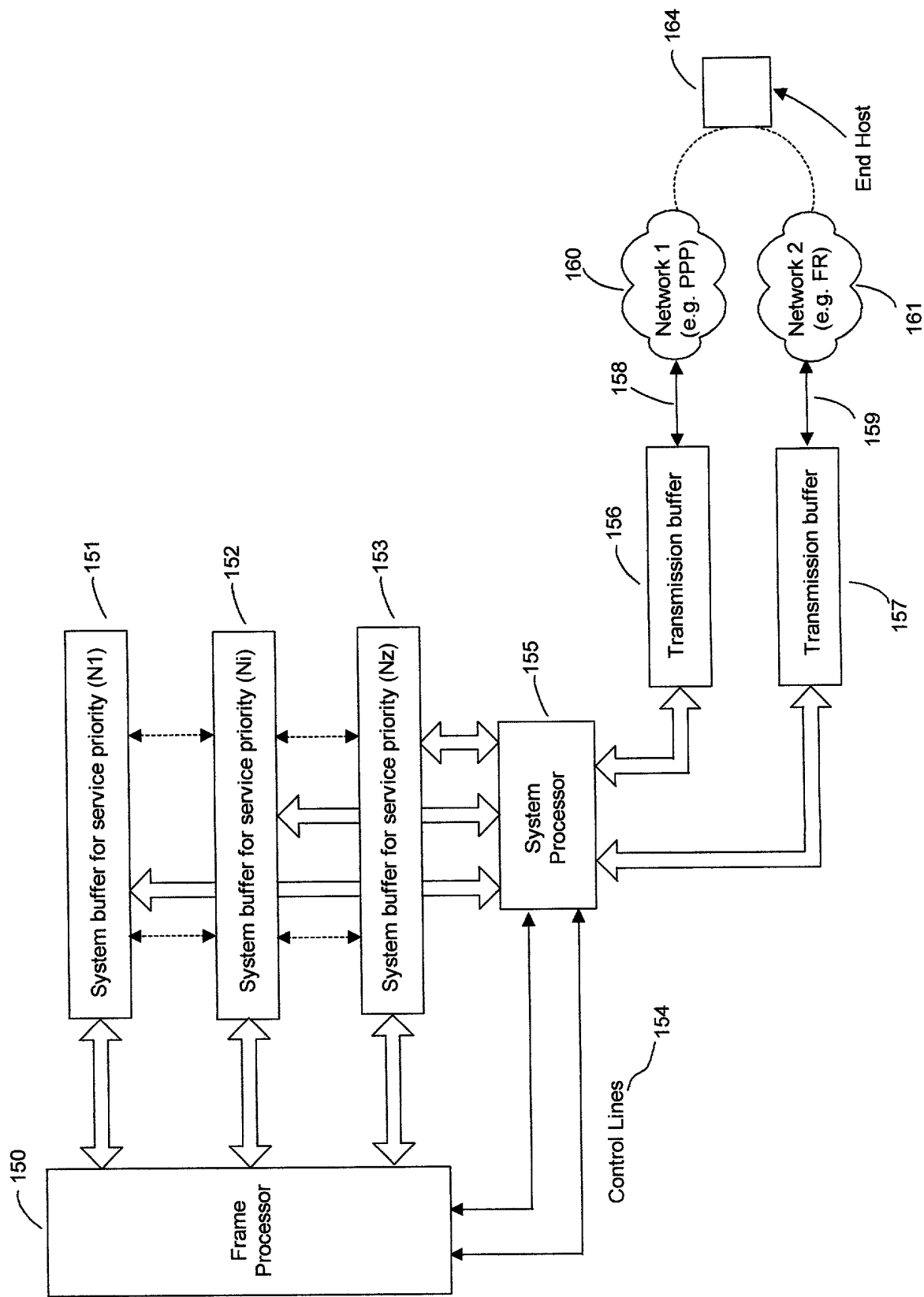
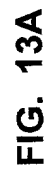


FIG. 12

[illegible]

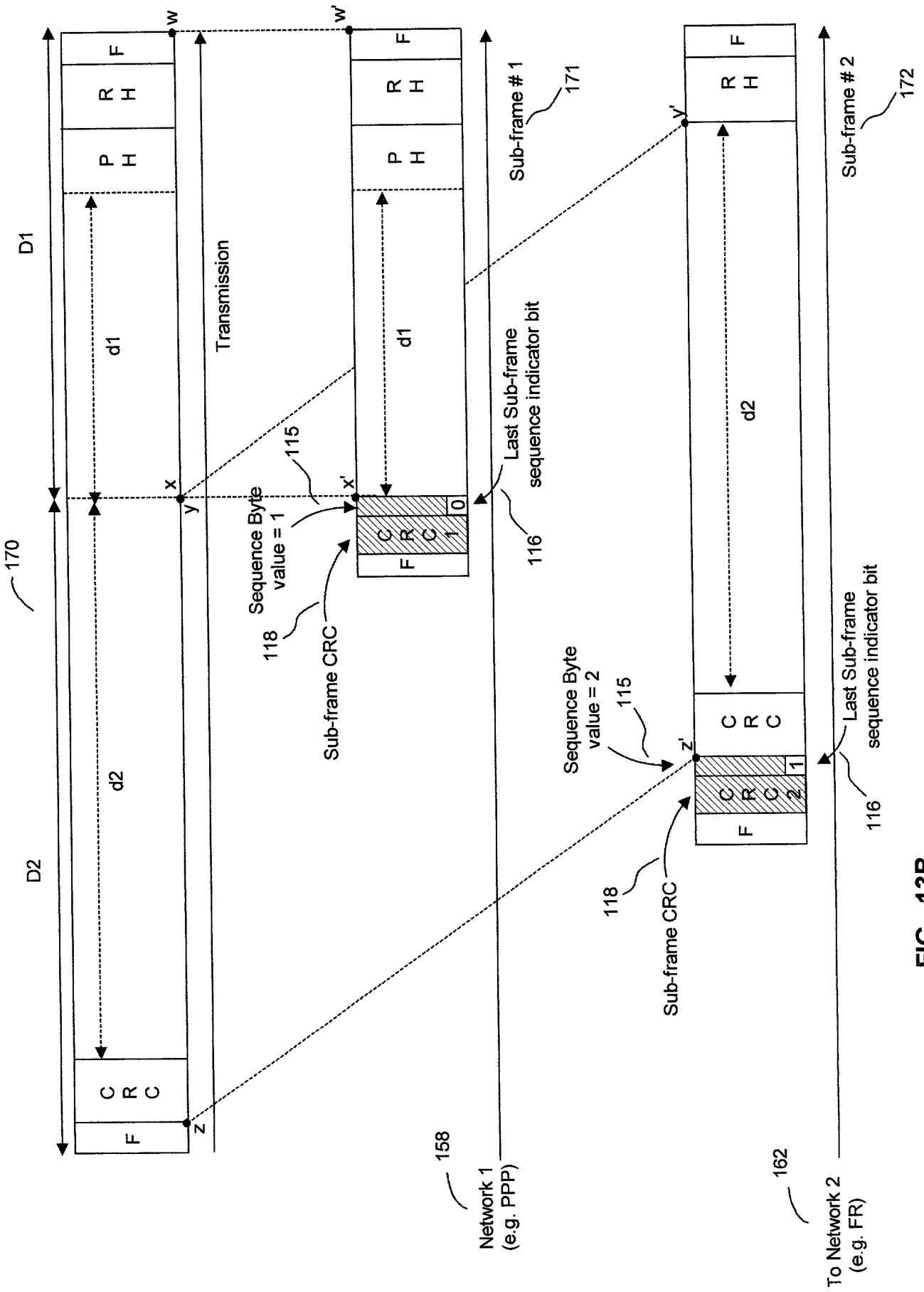


FIG. 13B

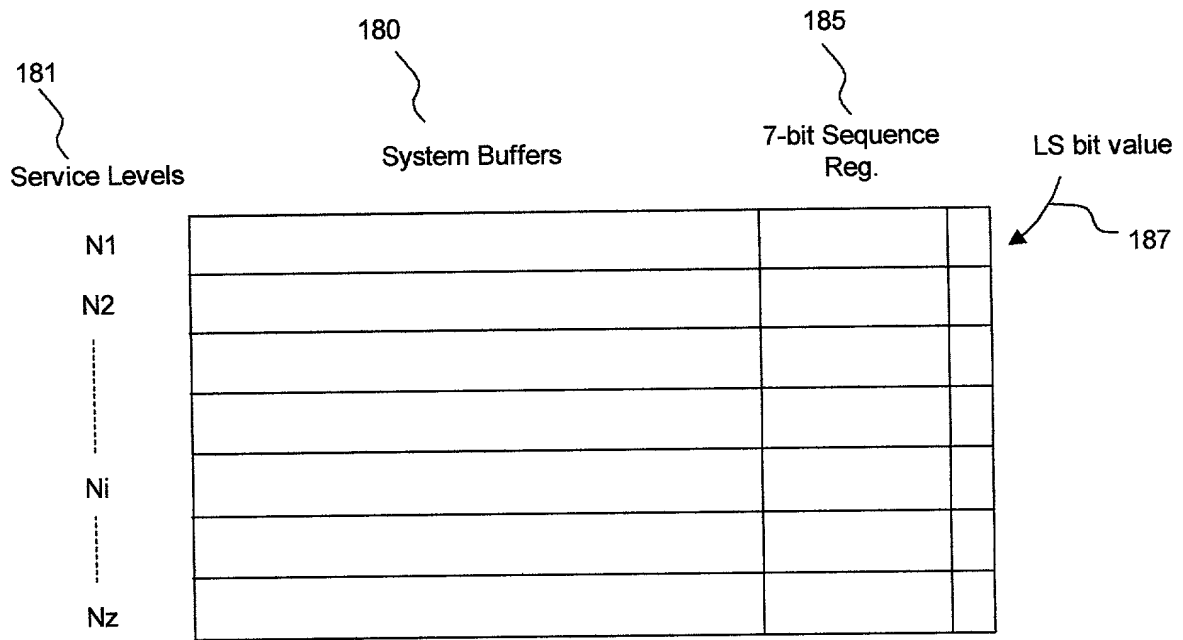


FIG. 14A

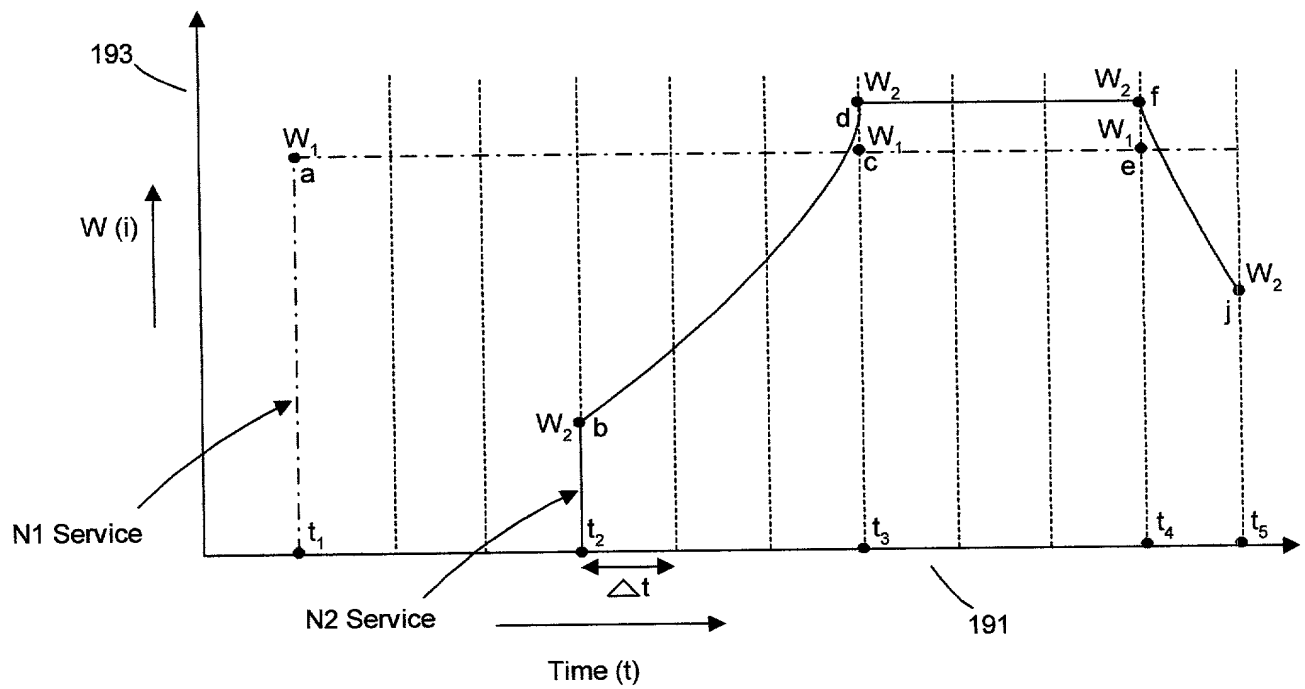


FIG. 14B

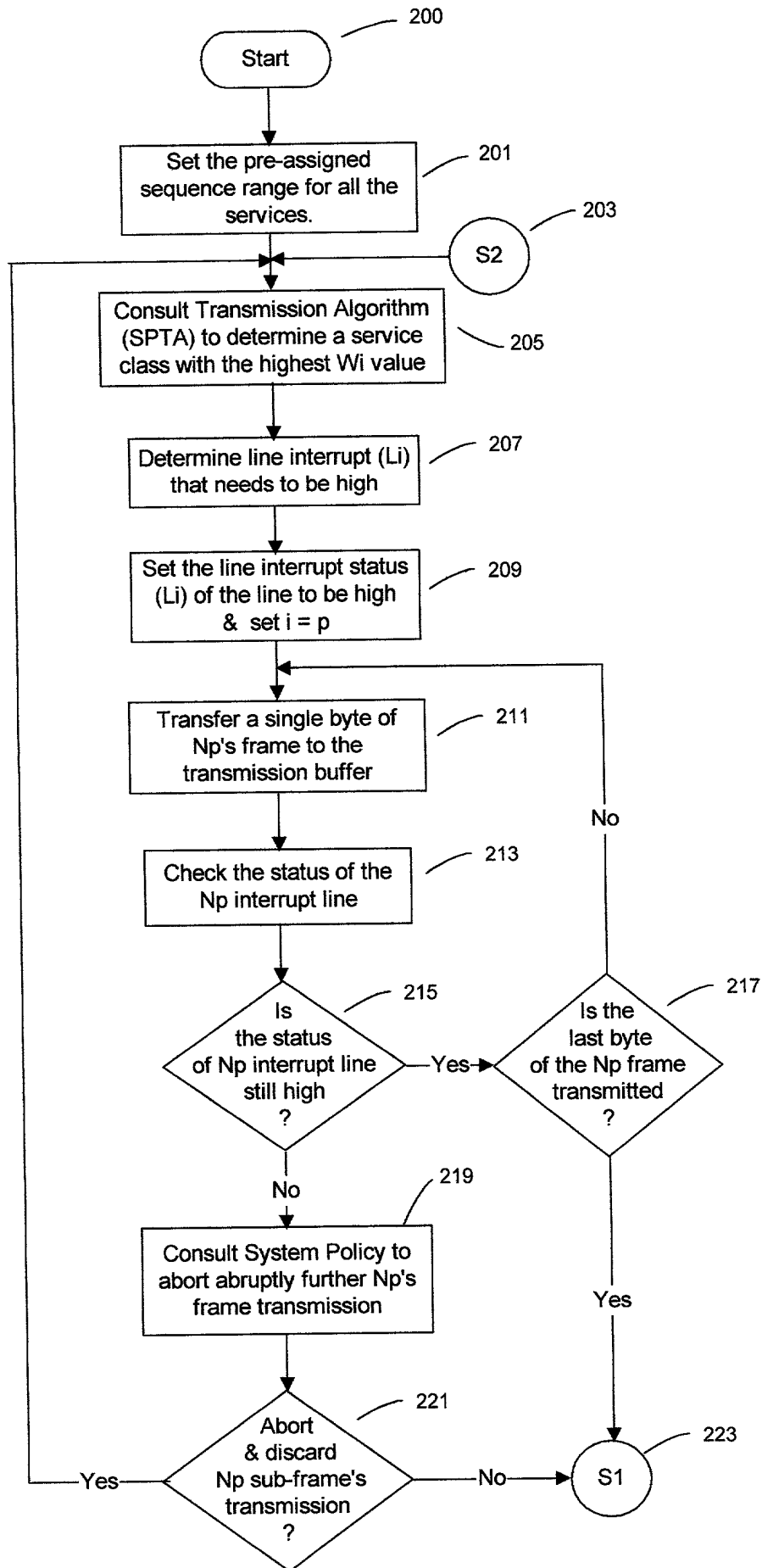


FIG. 15A

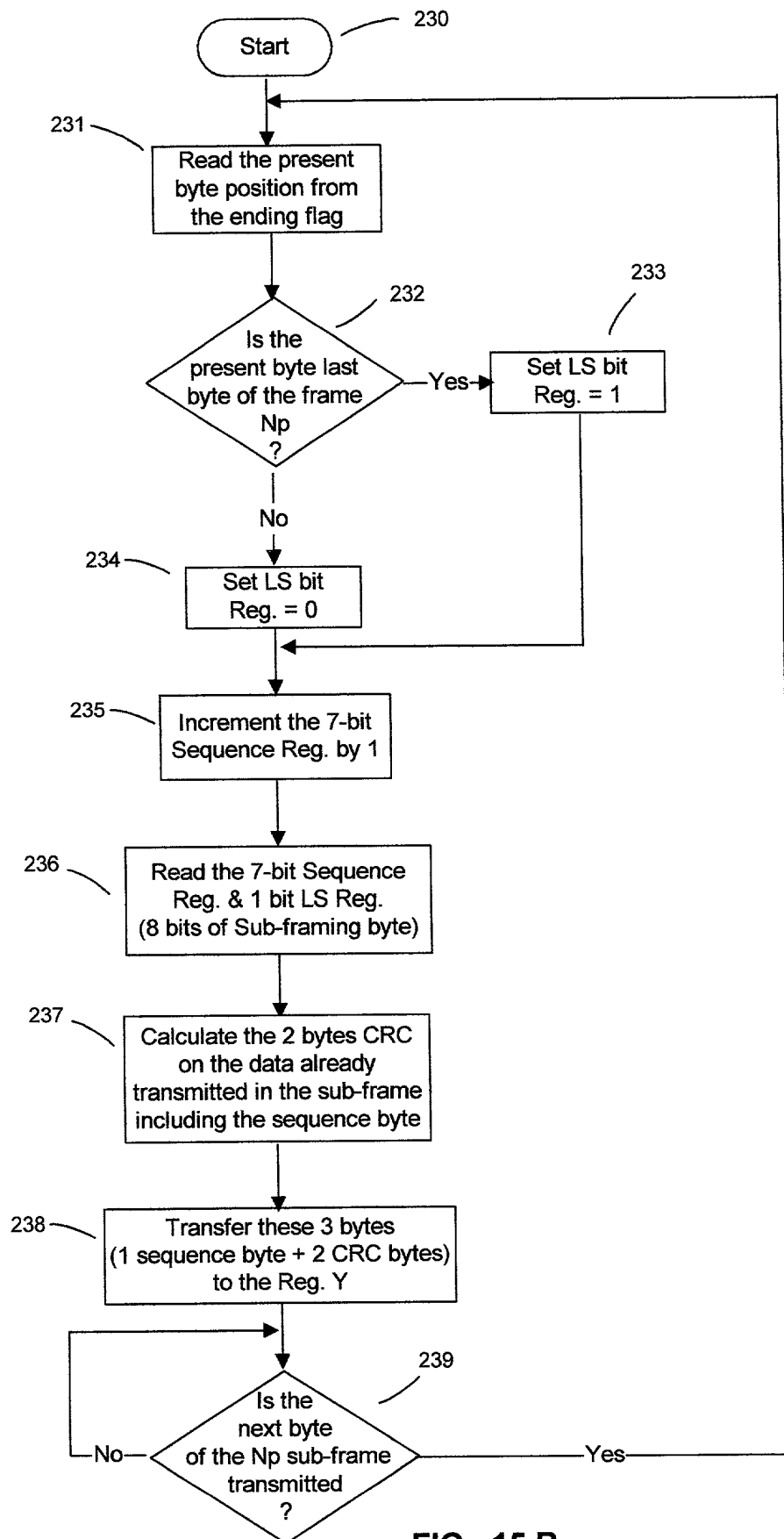


FIG. 15 B

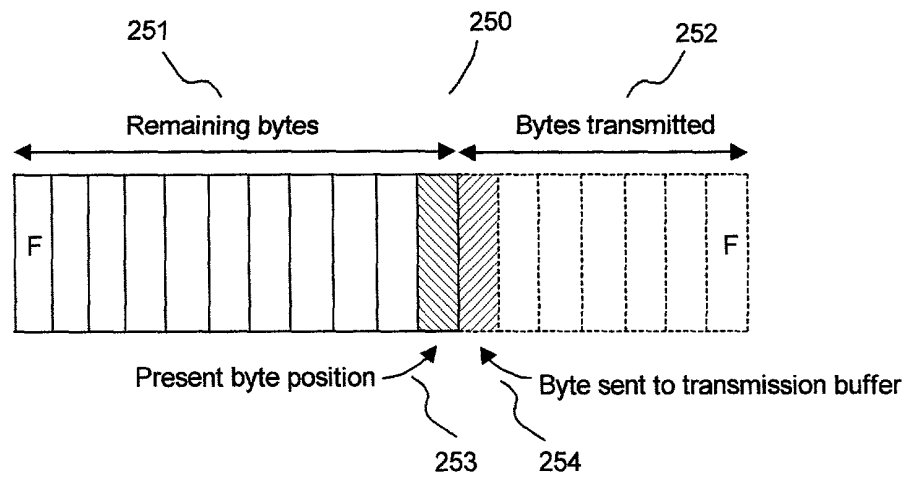


FIG. 15C

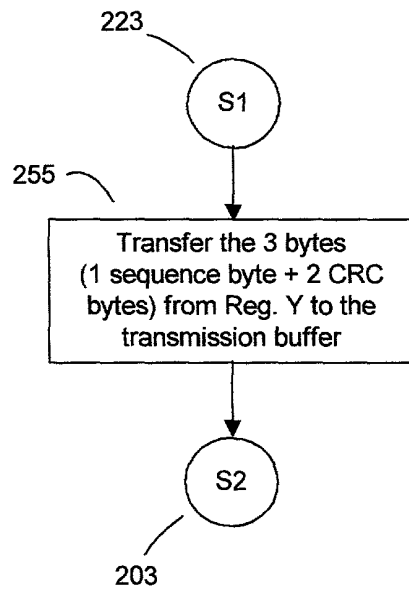


FIG. 15D

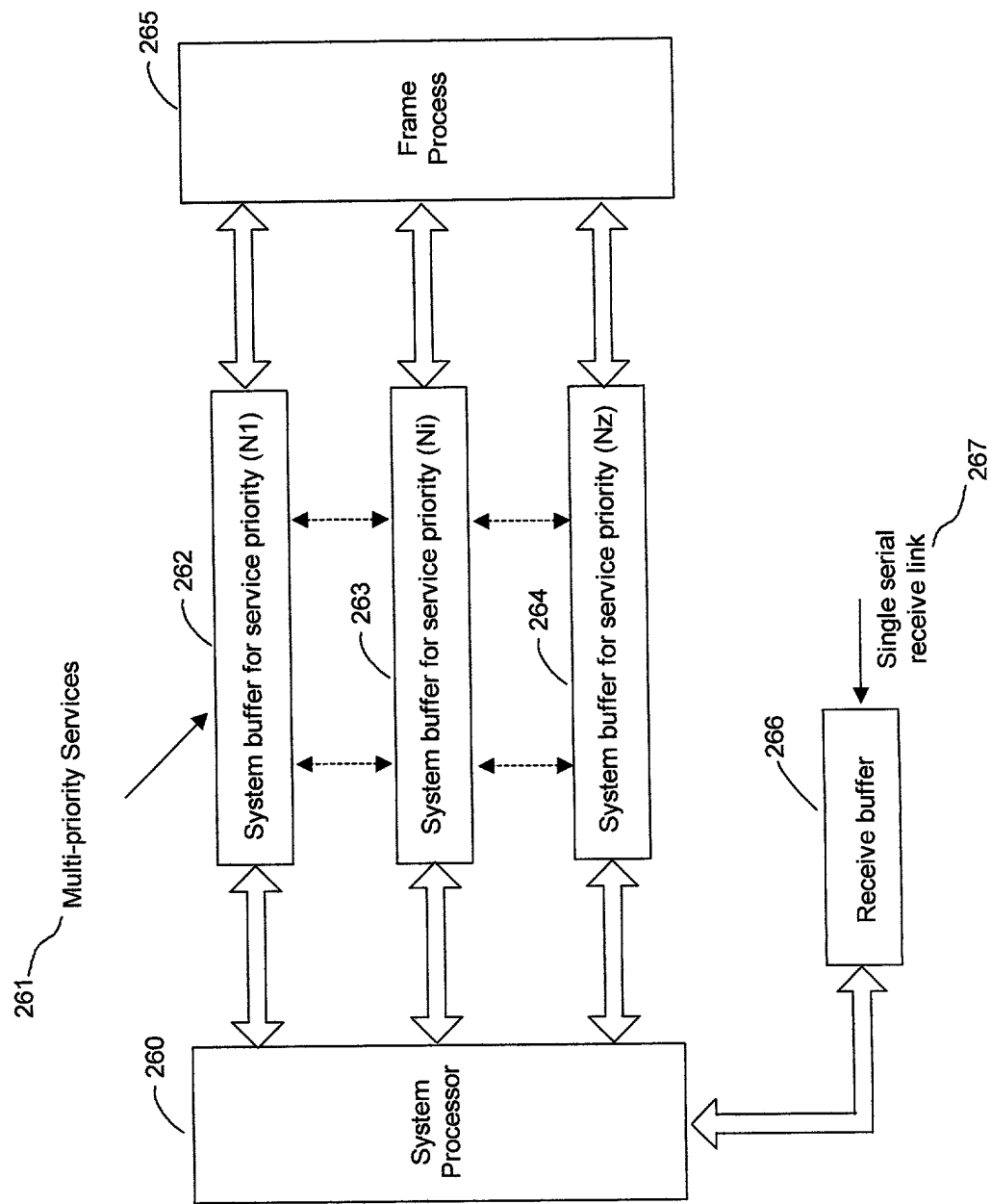


FIG. 16A

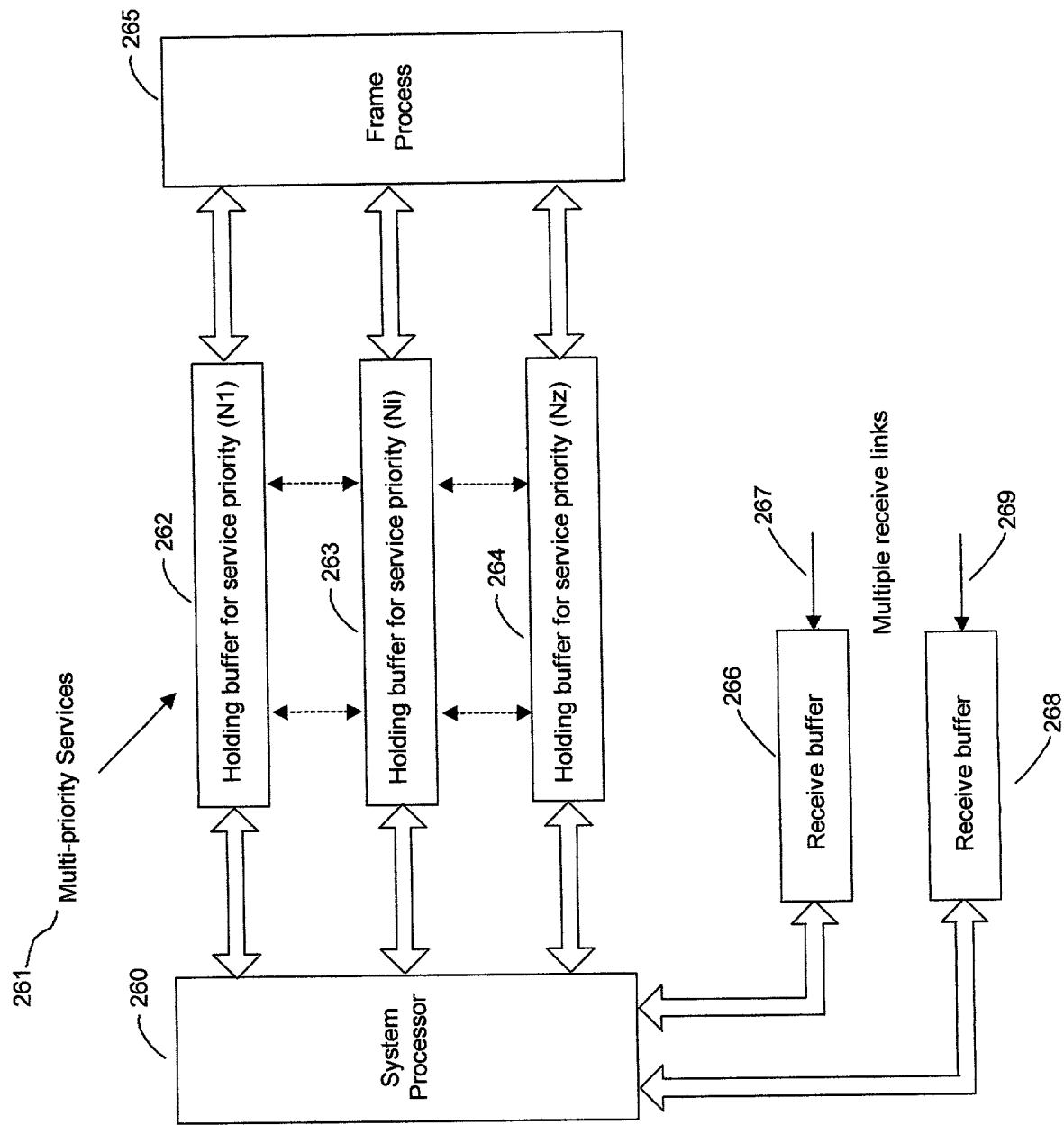


FIG. 16B

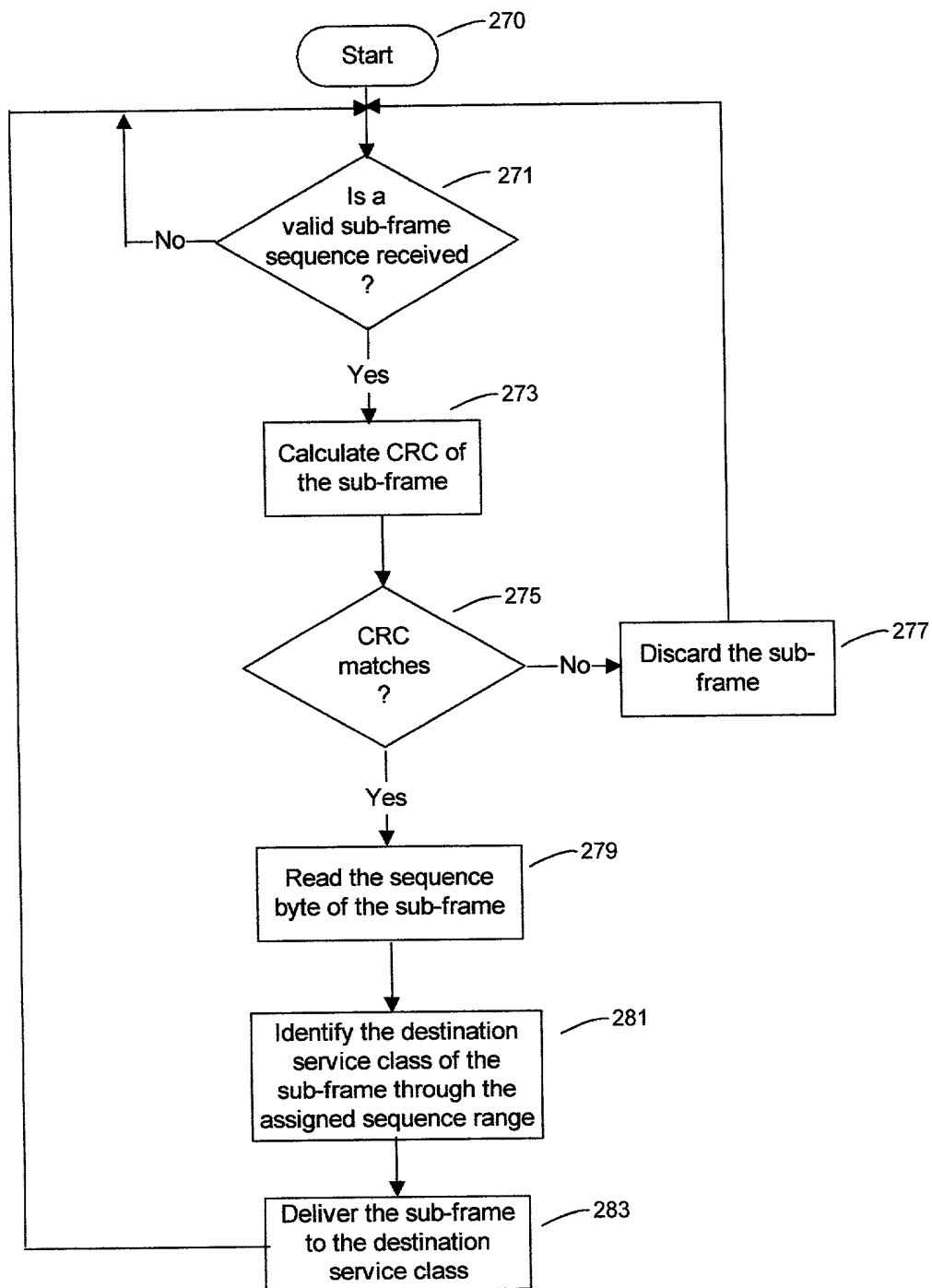


FIG. 17

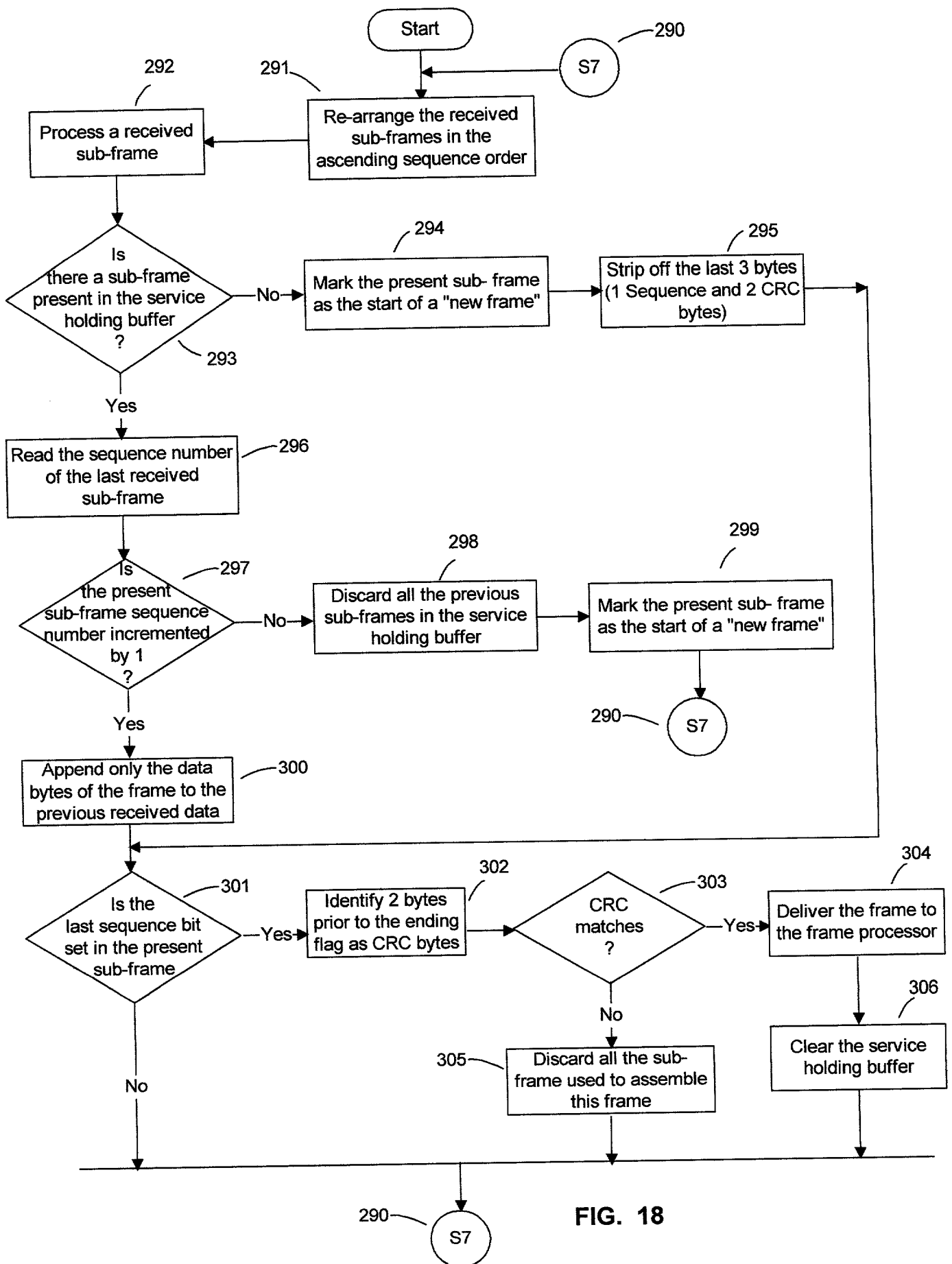


FIG. 18

Multi-priority Services over multiple links

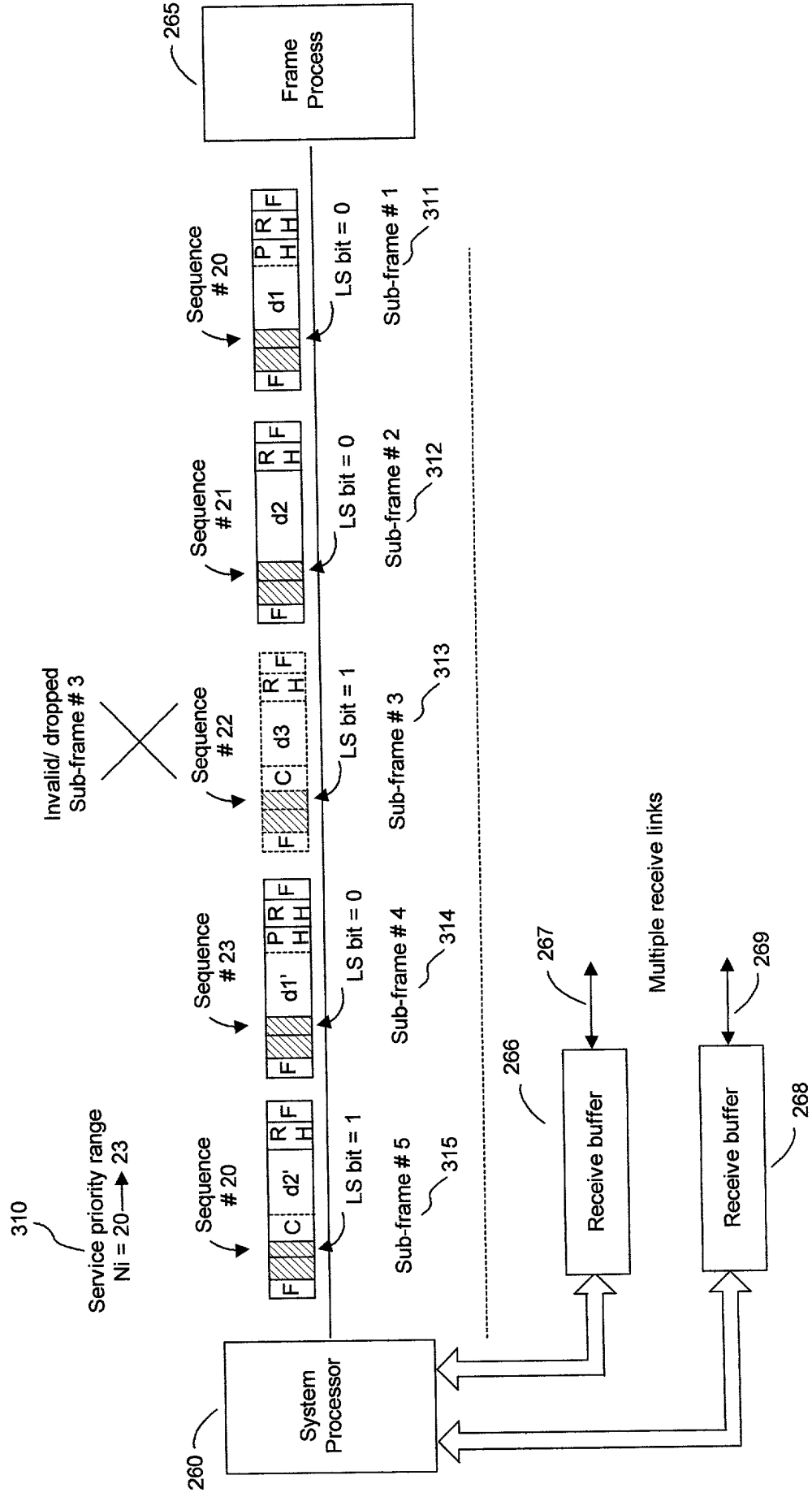


FIG. 19A

Multi-priority Services over a single link

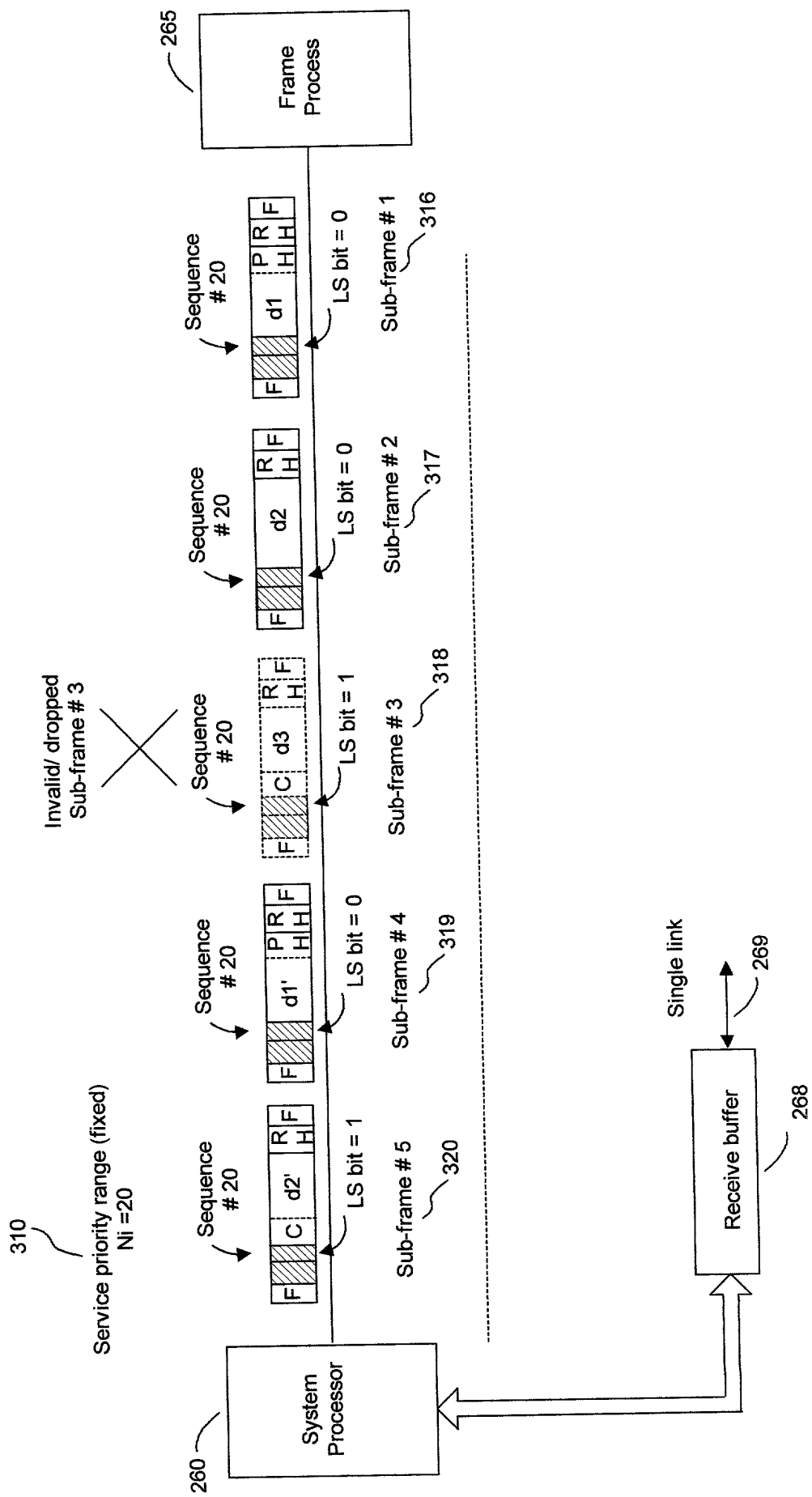


FIG. 19B

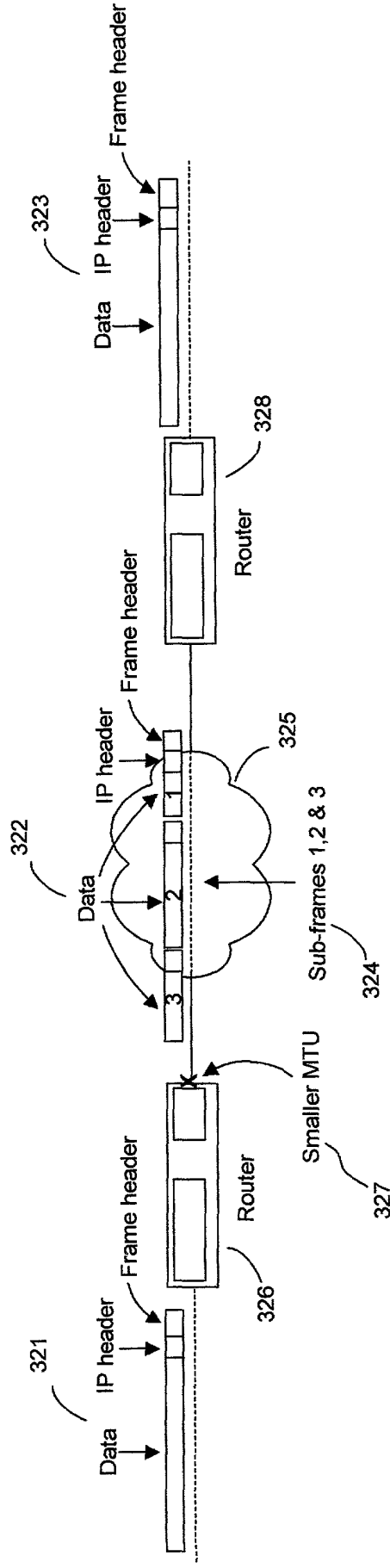


FIG. 20A

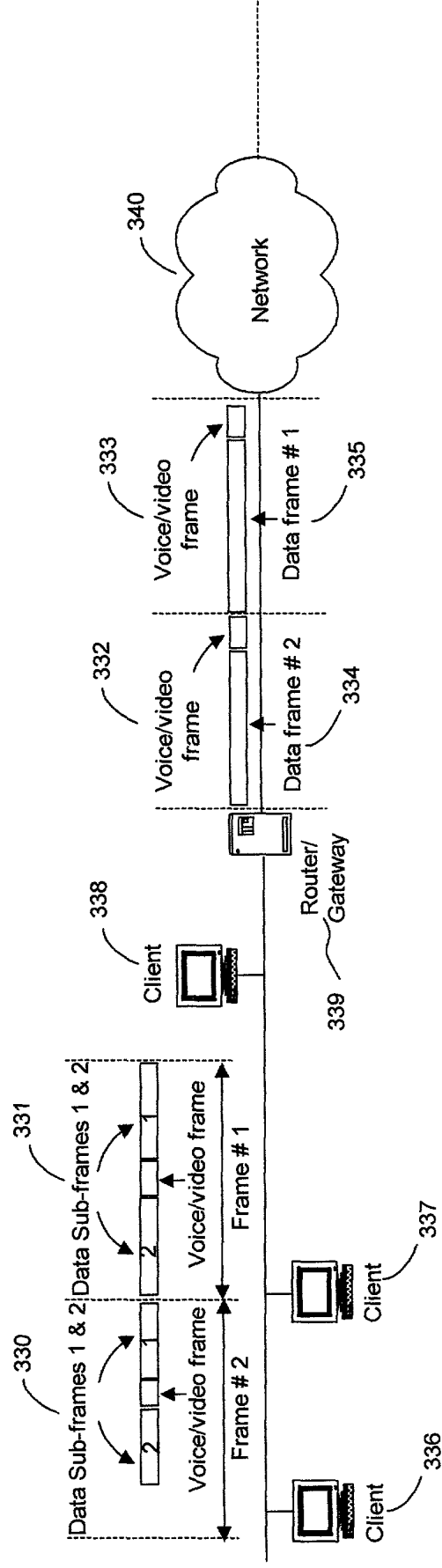


FIG. 20B

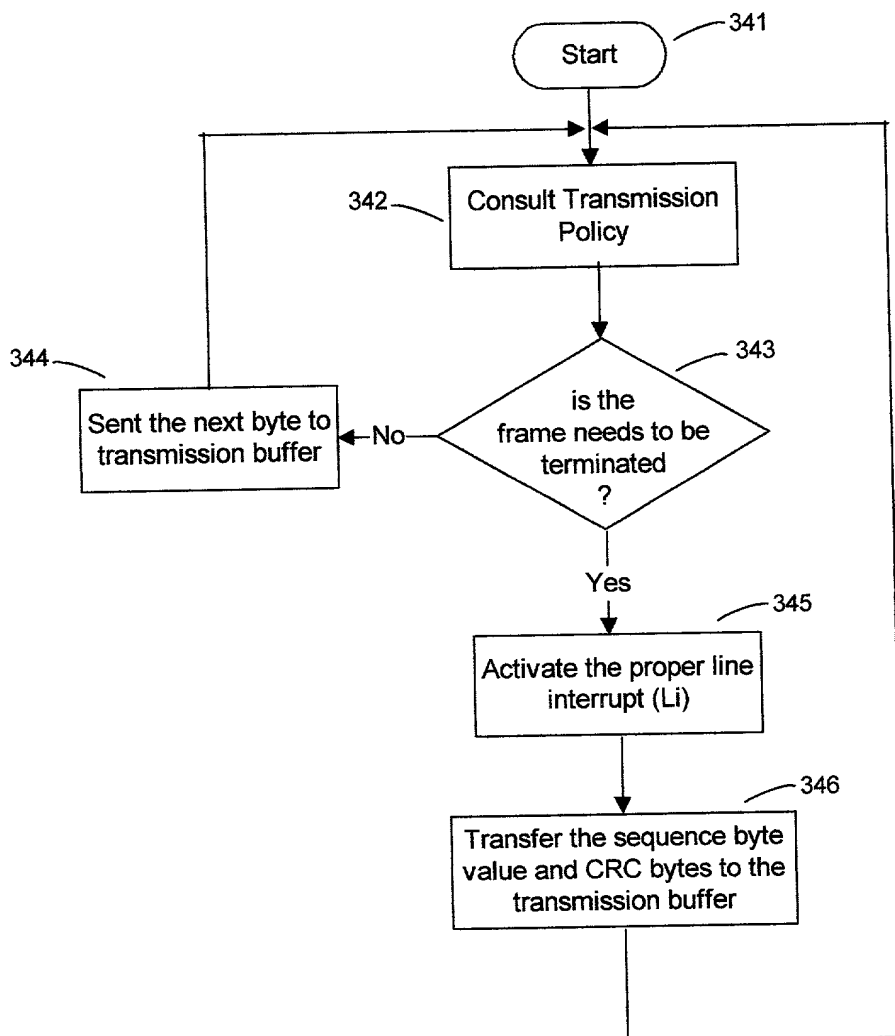
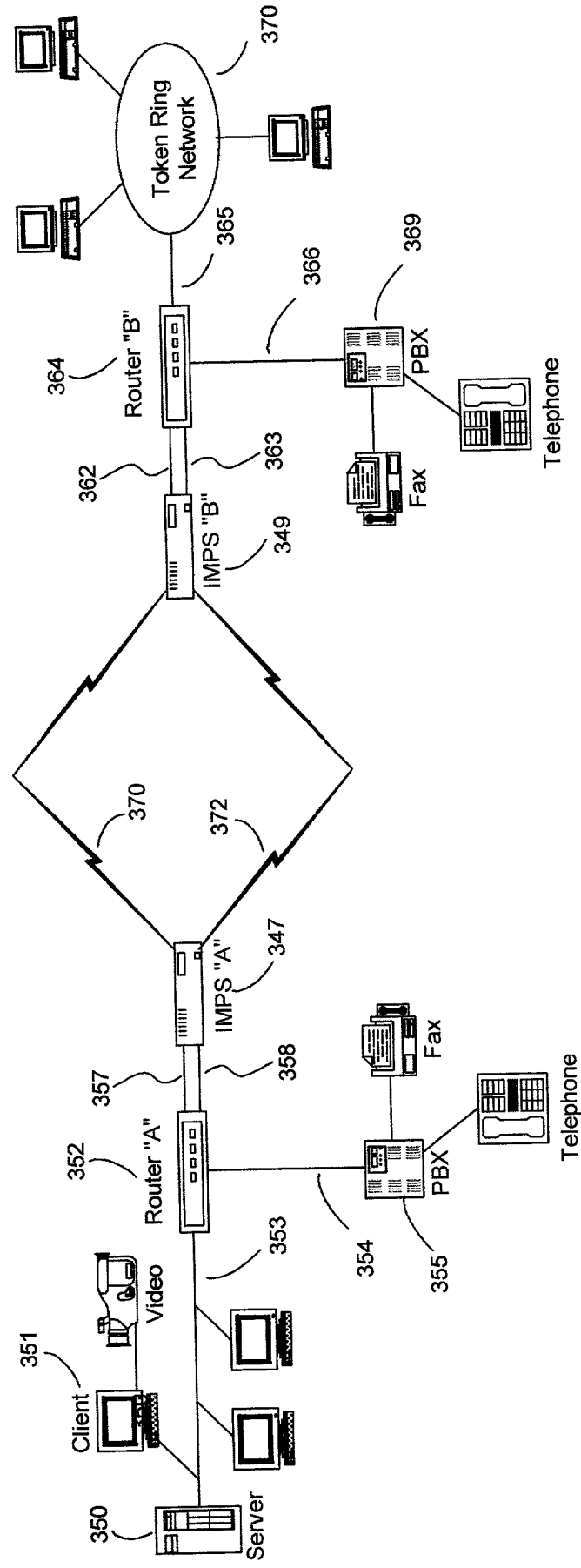
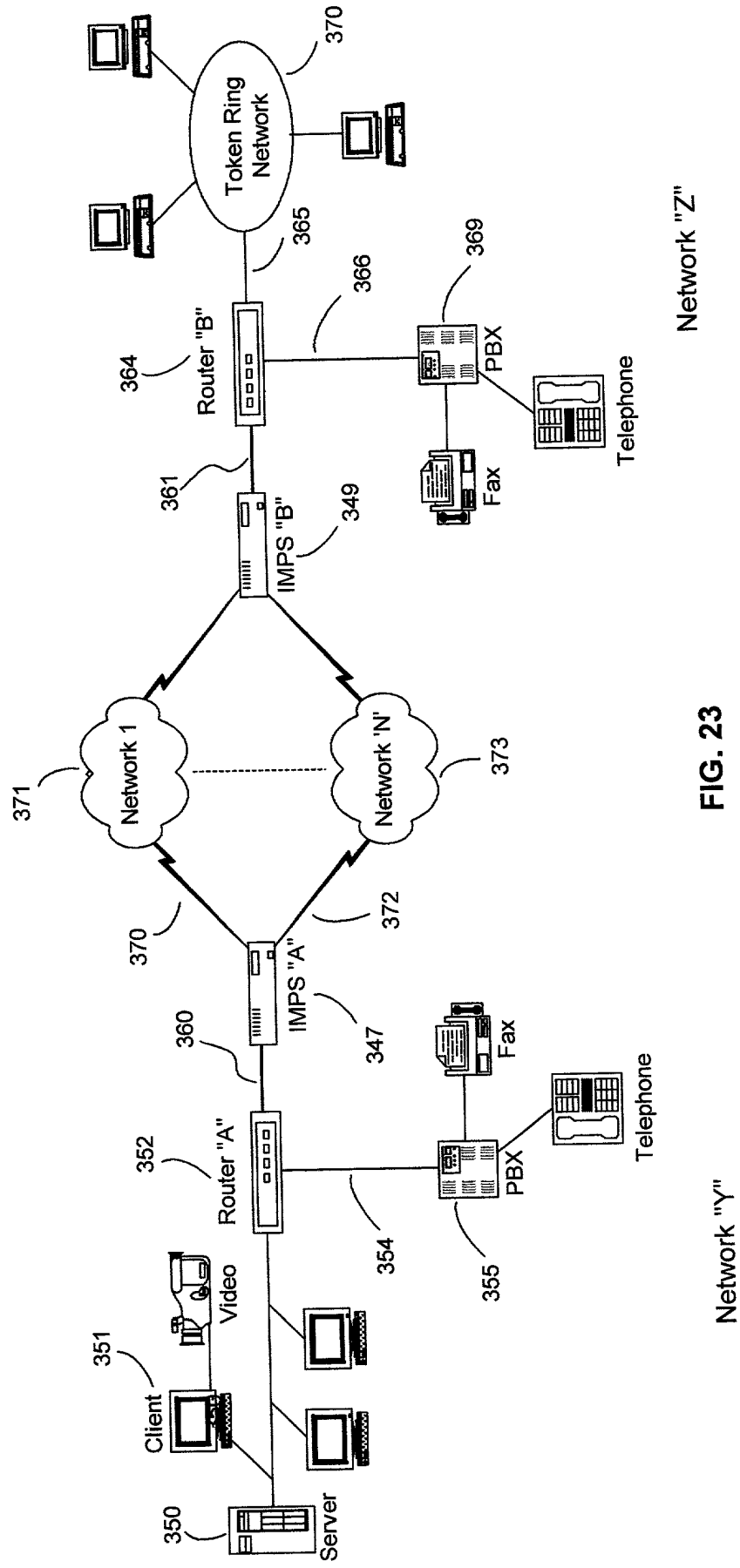


FIG. 21



Network "Y" **FIG. 22** Network "Z"



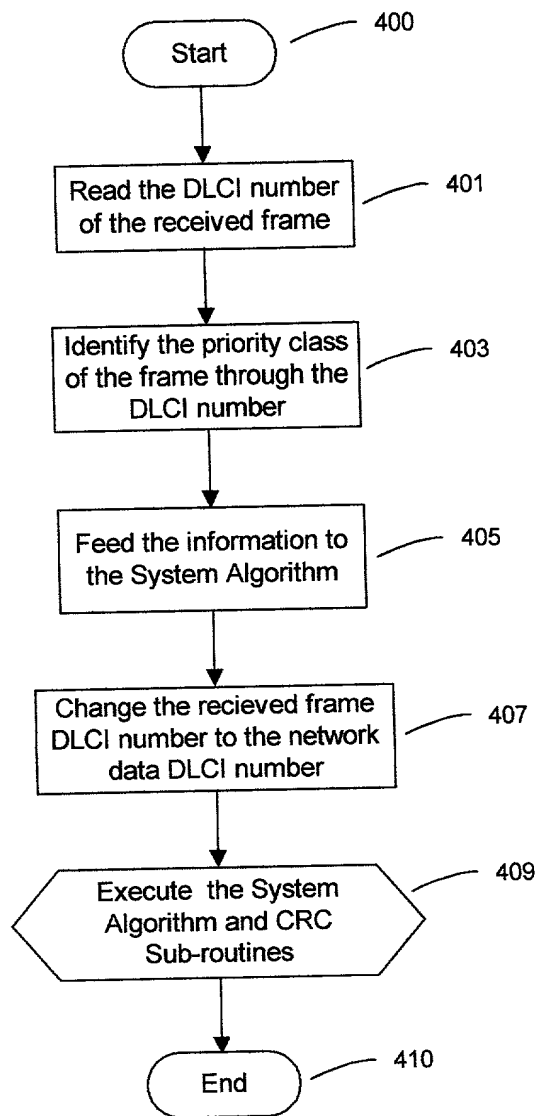


FIG. 24

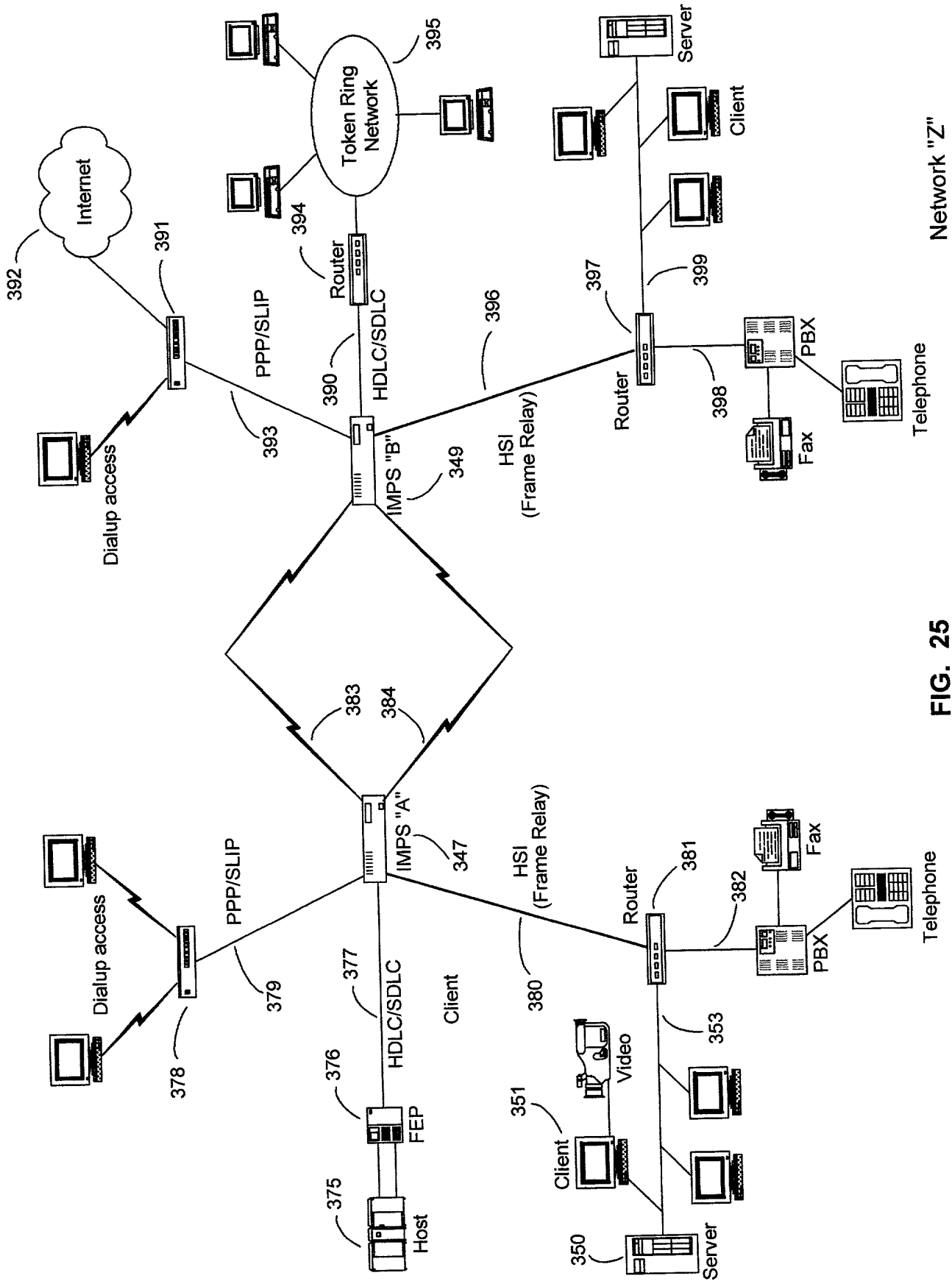


FIG. 25

Network "Y"

Network "Z"

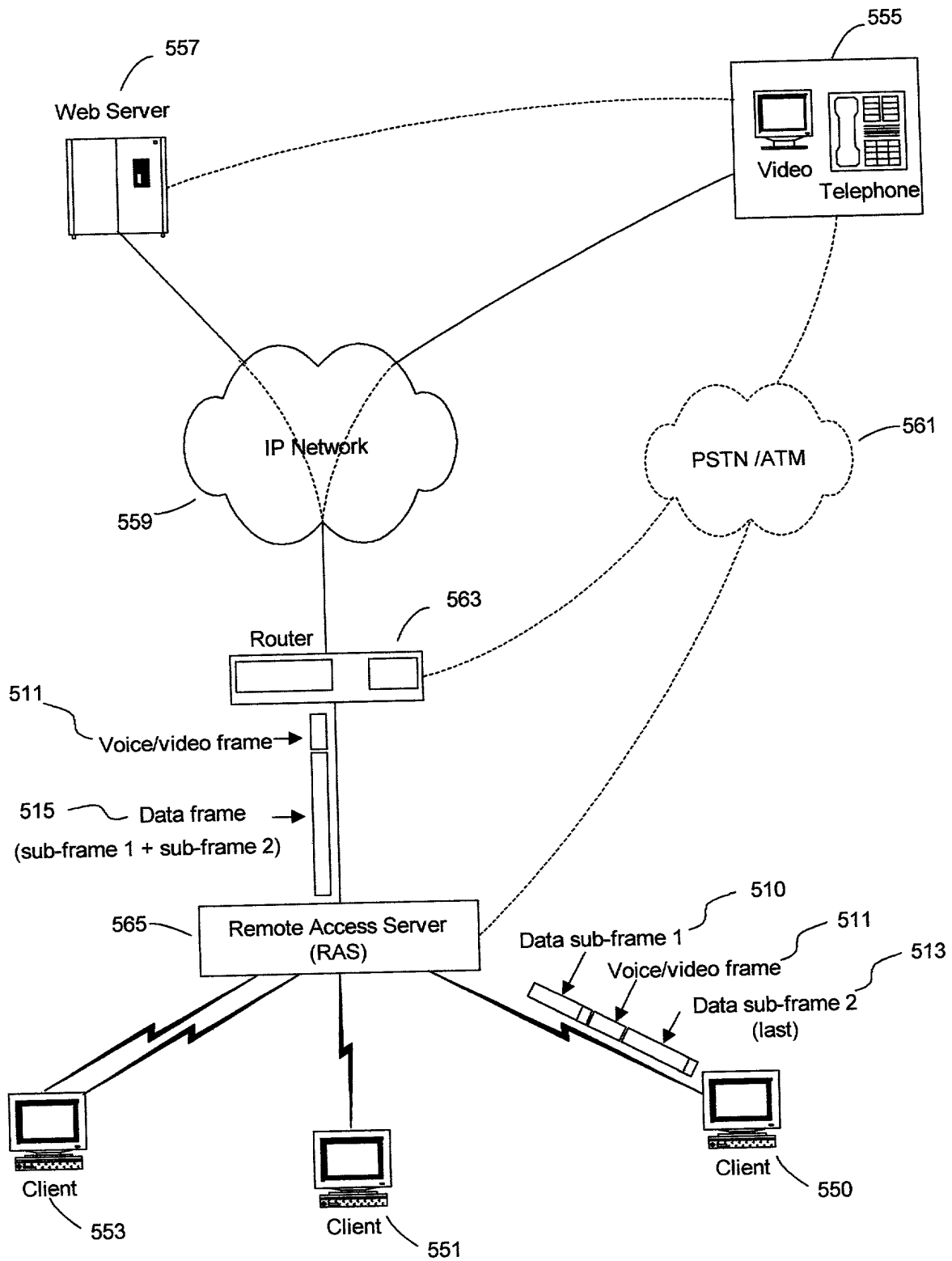


FIG. 26

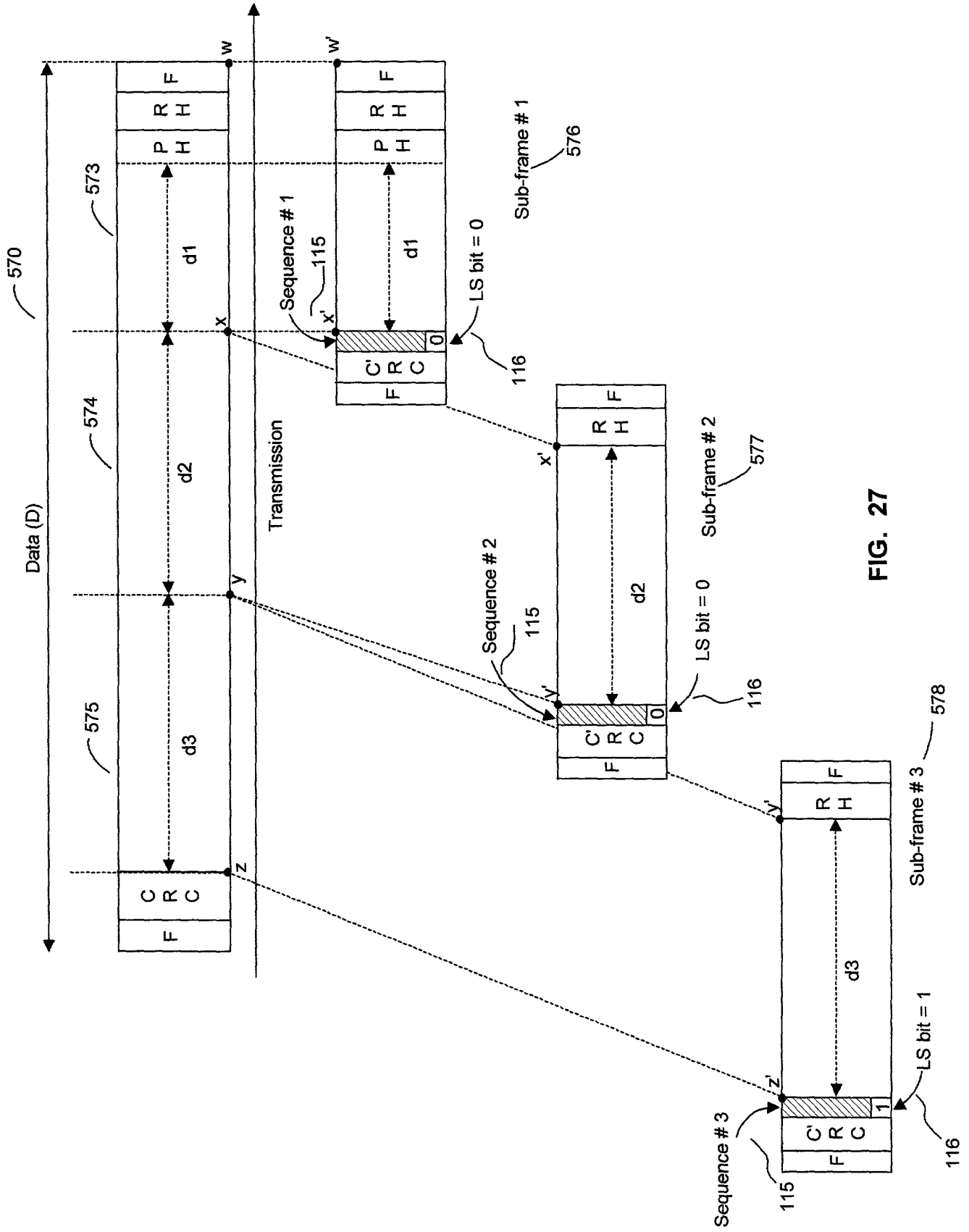


FIG. 27

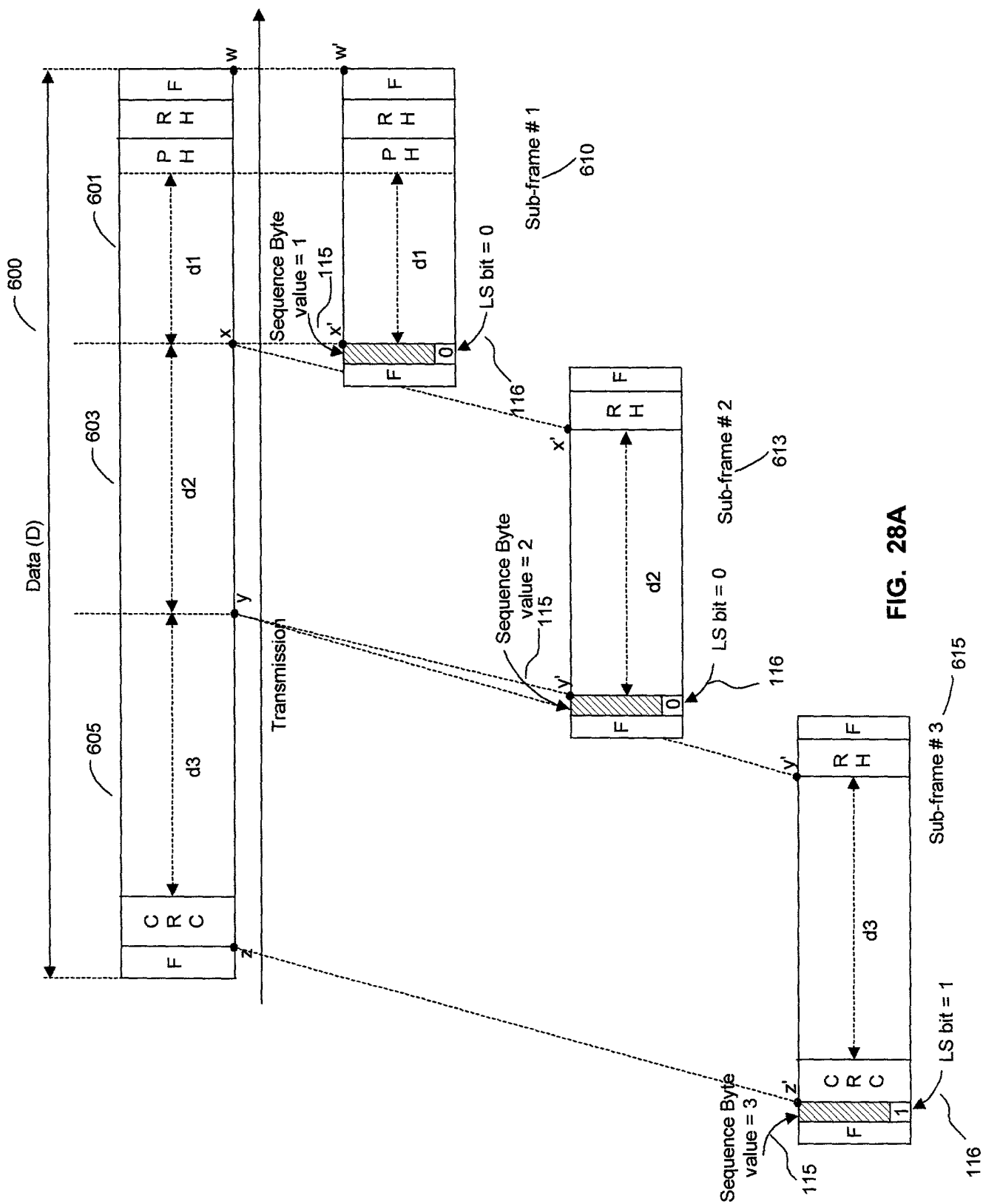


FIG. 28A

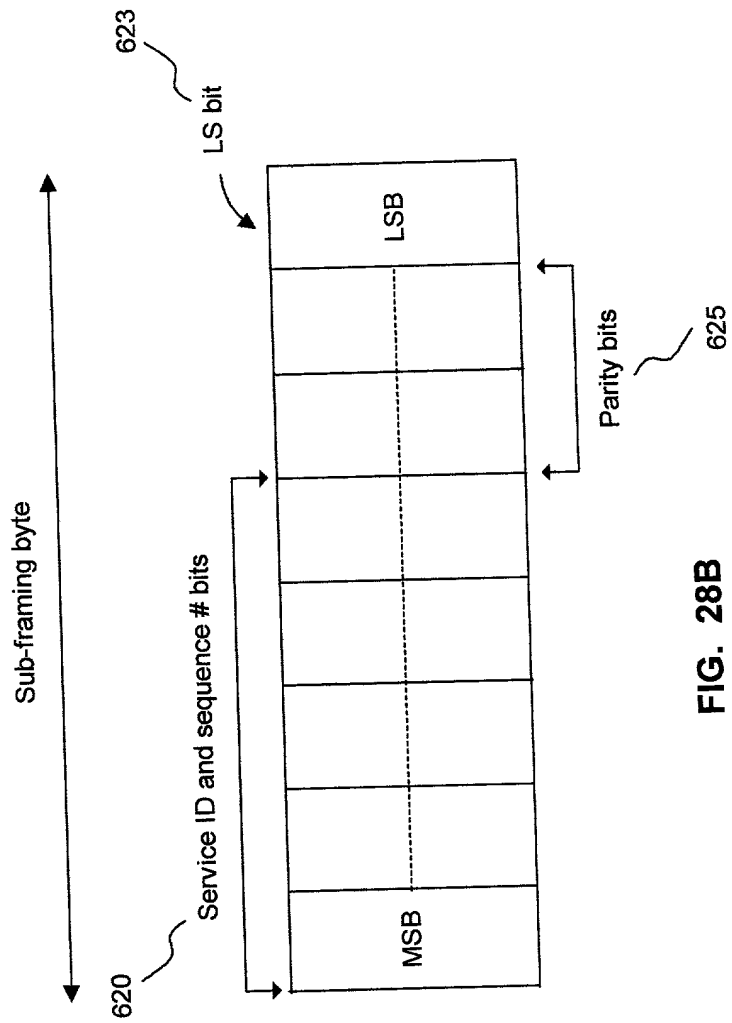


FIG. 28B